



***RAILROAD
SAFETY
STATISTICS
2009 PRELIMINARY
ANNUAL REPORT***

***THIS PUBLICATION CONTAINS REPORTS
SUBMITTED THROUGH JULY, 2010***

U.S. Department of Transportation
Federal Railroad Administration
(DATA AS OF OCTOBER 6, 2010)

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RAILROADS WHOSE EMPLOYEES WORKED LESS THAN 400,000 HOURS

TABLE 1-1 ACCIDENT/INCIDENT HISTORICAL SUMMARY, Part I

Category	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
---GRAND TOTAL---												
Accidents/incidents	16,501	16,776	16,919	16,086	14,403	14,370	14,522	14,308	13,791	13,892	12,836	11,015
Rate 1/	24.16	23.55	23.41	22.61	19.77	19.33	18.86	18.13	17.04	17.60	16.68	16.60
Deaths	1,008	932	937	971	951	865	891	884	903	850	804	704
Nonfatal conditions	11,459	11,700	11,643	10,985	11,103	9,264	9,194	9,547	8,788	9,628	8,953	7,783
---TRAIN ACCIDENTS-----												
Rate 2/	3.77	3.89	4.13	4.25	3.76	4.06	4.40	4.14	3.70	3.41	3.20	2.85
Total number	2,575	2,768	2,983	3,023	2,738	3,019	3,385	3,265	2,995	2,688	2,465	1,888
Deaths	4	9	10	6	15	4	13	33	6	9	27	4
Injuries	129	130	275	310	1,884	232	346	787	220	307	324	117
Collisions	168	205	238	220	192	198	237	274	202	210	190	133
Derailments	1,757	1,961	2,112	2,234	1,989	2,133	2,435	2,304	2,194	1,931	1,781	1,351
On main line	934	858	976	1,025	886	976	1,033	1,021	980	854	765	614
On yard track	1,306	1,531	1,619	1,569	1,478	1,676	1,928	1,815	1,581	1,397	1,372	996
Yard track rate 3/	15.60	17.51	18.21	18.30	18.25	20.53	22.97	20.60	17.76	13.43	13.45	12.23
Other track rate 4/	2.12	1.98	2.15	2.32	1.95	2.03	2.12	2.07	1.96	1.88	1.64	1.53
Track caused	900	995	1,035	1,121	941	974	1,055	1,082	1,073	931	857	657
Track caused rate	1.32	1.40	1.43	1.58	1.29	1.31	1.37	1.37	1.33	1.18	1.11	0.99
Human factor caused	971	1,031	1,147	1,035	1,050	1,230	1,353	1,270	1,067	1,045	900	650
Equipment caused	307	321	372	427	367	361	429	369	351	325	318	264
Signal caused	38	49	70	42	50	58	70	63	50	49	51	50
Equip Dmg (millions \$)	162.561	164.654	169.172	200.752	173.982	198.698	225.462	226.035	213.342	217.264	201.935	152.513
Track Dmg (millions \$)	71.337	80.435	94.040	113.713	92.550	99.569	100.482	113.822	109.176	97.527	96.796	69.276
Hazmat												
Consists releasing	42	41	35	32	31	30	31	39	30	46	22	22
Cars releasing	66	75	75	57	56	41	49	52	71	76	38	44
People evacuated	2,058	996	5,258	52,620	5,438	2,260	5,938	7,636	3,682	11,698	4,374	3,160
---HIGHWAY-RAIL-----												
Rate 5/	5.14	4.90	4.84	4.55	4.22	4.00	4.01	3.88	3.63	3.51	3.14	2.89
Incidents	3,508	3,489	3,502	3,237	3,077	2,977	3,085	3,064	2,941	2,772	2,416	1,916
Deaths	431	402	425	421	357	334	371	359	369	338	290	246
Injuries	1,303	1,396	1,219	1,157	999	1,035	1,094	1,050	1,069	1,054	972	720
---OTHER INCIDENTS-----												
Incidents 6/	10,418	10,519	10,434	9,826	8,588	8,374	8,052	7,979	7,855	8,432	7,955	7,211
Deaths	573	521	502	544	579	527	507	492	528	503	487	454
Injuries	10,027	10,174	10,149	9,518	8,220	7,997	7,754	7,710	7,499	8,267	7,657	6,946

1. Total accident/incident rate of all reported events * 1,000,000 / (train miles)
2. Total train accidents * 1,000,000 / total train miles
3. Accidents on yard track * 1,000,000 / yard switching train miles
4. Accidents on other than yard track * 1,000,000 / (total train miles - yard switching)
5. Total incidents * 1,000,000 / total train miles
6. Other events that cause death, injury to any person; or illness to a railroad employee

TABLE 1-2 ACCIDENT/INCIDENT HISTORICAL SUMMARY, Part II

Category	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
...EMPLOYEE COUNTS.....												
All accidents/incidents												
Rate 1/	3.27	3.39	3.44	3.30	2.94	2.78	2.64	2.44	2.18	2.26	2.09	2.06
Deaths	27	31	24	22	20	19	25	25	16	17	26	16
Nonfatal conditions	8,398	8,622	8,423	7,815	6,644	6,258	6,022	5,822	5,272	5,446	4,970	4,406
Cases with days absent	5,359	5,779	5,788	5,409	4,642	4,401	4,071	3,967	3,494	3,718	3,311	2,974
Percent of total	63.61	66.79	68.52	69.02	69.66	70.11	67.32	67.85	66.07	68.06	66.27	67.25
Sprains/strains	3,945	4,280	4,357	4,025	3,353	3,030	2,848	2,611	2,426	2,557	2,260	1,994
Occupational illnesses	171	141	129	167	120	182	253	287	275	230	270	217
...PASSENGERS ON TRAINS												
Rate 2/	3.69	3.33	4.10	4.78	5.83	4.69	4.59	6.17	5.78	8.81	7.25	6.38
Deaths	4	14	4	3	7	3	3	16	2	5	24	3
Injuries	535	481	658	746	877	727	703	957	935	1,510	1,294	1,112
In Train Accs/Highway-Rail												
Deaths	2	11	0	1	7	1	1	12	0	0	24	0
Rate	0.01	0.07	0.00	0.01	0.05	0.01	0.01	0.08	0.00	0.00	0.13	0.00
Injuries	30	54	95	149	304	152	117	336	157	252	320	82
...TRESPASSER COUNTS...												
Rate 3/	1.54	1.30	1.21	1.29	1.28	1.21	1.14	1.11	1.23	1.11	1.16	1.17
Deaths	536	479	463	511	540	498	472	458	511	470	457	428
Injuries	513	445	414	404	395	398	406	420	481	407	432	346
---OPERATIONS(millions)												
Total train miles 4/	682.895	712.453	722.877	711.550	728.674	743.331	770.152	789.033	809.217	789.166	769.632	663.599
Yard switching miles 5/	83.692	87.459	88.919	85.747	81.002	81.630	83.935	88.094	89.045	104.032	101.985	81.412
Employee hours 6/	514.870	509.997	490.926	475.120	454.102	451.148	458.399	478.471	485.784	483.483	478.188	429.597
Passengers carried 7/	439.958	464.885	501.750	517.249	503.930	494.264	513.293	523.434	549.343	581.394	600.379	581.607

1. Total employee deaths, injuries, illnesses * 200,000 / total hours worked
2. All passenger deaths or injuries in all accidents/incidents * 100,000,000 / passenger miles. A passenger mile is the movement of a passenger for a distance of one mile
3. All trespasser deaths and injuries * 1,000,000 / total train miles
4. Movement of a train for a distance of one mile
5. Movement of trains doing yard switching for a distance of one mile
6. Total hours worked by employees of the railroads. Excludes contractors.
7. Passengers transported

TABLE 1-3 SUMMARY BY TYPE INCIDENT AND TYPE PERSON

Train Accidents Excluding Highway-Rail Crossing (HRC) Incidents

Type Person	Fatalities					Nonfatal Conditions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
A - Worker on duty(rr empl)	7	-	6	2	2	125	103	91	91	64
B - Employee not on duty	-	-	-	-	-	9	-	-	-	1
C - Passenger on train	12	-	-	24	-	303	62	181	228	31
D - Nontrespasser	1	-	1	-	1	1	2	2	1	15
E - Trespasser	4	4	2	1	1	1	4	3	1	2
F - Worker on duty(contractor)	-	2	-	-	-	5	4	1	-	1
G - Contractor(other)	-	-	-	-	-	-	-	3	2	-
J - Nontrespasser, off rr prop	9	-	-	-	-	343	45	26	1	3
--Total...	33	6	9	27	4	787	220	307	324	117

Highway-Rail Crossing (HRC) Incidents

Type Person	Fatalities					Nonfatal Conditions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
A - Worker on duty(rr empl)	2	4	1	3	-	111	96	105	73	69
B - Employee not on duty	-	-	-	-	-	3	2	1	3	-
C - Passenger on train	-	-	-	-	-	33	95	71	92	51
D - Nontrespasser	226	233	180	147	106	633	635	561	521	344
E - Trespasser	130	130	157	140	139	264	225	278	267	245
F - Worker on duty(contractor)	-	-	-	-	-	-	-	5	-	2
G - Contractor(other)	-	-	-	-	-	2	-	25	3	1
J - Nontrespasser, off rr prop	1	2	-	-	1	4	16	8	13	8
--Total...	359	369	338	290	246	1,050	1,069	1,054	972	720

Other Incidents, Excluding HRC

Type Person	Fatalities					Nonfatal Conditions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
A - Worker on duty(rr empl)	16	12	10	21	14	5,586	5,073	5,250	4,806	4,273
B - Employee not on duty	-	-	-	-	-	160	167	177	163	152
C - Passenger on train	4	2	5	-	3	621	778	1,258	974	1,030
D - Nontrespasser	12	2	12	5	6	482	573	745	835	781
E - Trespasser	454	507	468	456	427	419	477	404	431	344
F - Worker on duty(contractor)	2	2	-	3	1	175	194	202	199	145
G - Contractor(other)	3	3	5	2	3	233	209	209	234	204
H - Worker on duty(volunteer)	-	-	-	-	-	1	3	6	4	5
I - Volunteer(other)	-	-	-	-	-	-	3	2	3	1
J - Nontrespasser, off rr prop	1	-	3	-	-	33	22	14	8	11
--Total...	492	528	503	487	454	7,710	7,499	8,267	7,657	6,946

GRAND TOTAL

Type Person	Fatalities					Nonfatal Conditions				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
A - Worker on duty(rr empl)	25	16	17	26	16	5,822	5,272	5,446	4,970	4,406
B - Employee not on duty	-	-	-	-	-	172	169	178	166	153
C - Passenger on train	16	2	5	24	3	957	935	1,510	1,294	1,112
D - Nontrespasser	239	235	193	152	113	1,116	1,210	1,308	1,357	1,140
E - Trespasser	588	641	627	597	567	684	706	685	699	591
F - Worker on duty(contractor)	2	4	-	3	1	180	198	208	199	148
G - Contractor(other)	3	3	5	2	3	235	209	237	239	205
H - Worker on duty(volunteer)	-	-	-	-	-	1	3	6	4	5
I - Volunteer(other)	-	-	-	-	-	-	3	2	3	1
J - Nontrespasser, off rr prop	11	2	3	-	1	380	83	48	22	22
--Total...	884	903	850	804	704	9,547	8,788	9,628	8,953	7,783

TABLE 1-4 TOTAL CASUALTIES BY RAILROAD

Railroads	Fatalities					Nonfatal				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Alton & Southern	-	1	-	-	-	11	7	4	7	6
Alaska RR Corp.	1	-	-	1	3	29	23	31	73	81
Amtrak	122	118	129	119	139	1,245	1,325	1,589	1,510	1,363
Burlington Northern Santa Fe	151	144	123	104	123	1,287	1,162	1,241	1,194	990
Buffalo & Pittsburg	-	1	-	1	-	4	5	5	-	-
Belt Rwy Of Chicago	-	-	-	-	-	11	15	12	10	15
Canadian National	24	27	20	32	13	294	259	293	246	200
Canadian Pacific	14	6	14	6	9	156	135	182	142	150
Conrail Shared Assets	1	1	-	-	1	28	36	40	37	30
CSX Transportation	115	136	128	117	100	786	725	621	625	508
Florida East Coast	26	18	20	12	11	21	19	36	16	15
Guilford Rail System	2	2	1	-	3	15	12	25	11	11
Other Railroads	35	33	34	41	25	891	894	840	814	636
Indiana Harbor Belt	1	1	1	-	-	17	18	13	17	7
Kansas City Southern	13	13	17	12	15	141	118	120	97	87
Long Island Rail Road	9	3	9	8	6	312	372	534	523	512
MD Assn. of Rail Comm	1	2	1	1	1	8	8	19	29	34
Mass Bay Transit Auth.	5	9	12	9	4	94	137	81	251	171
Metro North Commuter	3	2	9	2	5	293	262	256	236	274
Montana Rail Link	3	-	-	1	2	40	48	35	33	35
Northern IN Comm Trans	-	-	4	-	2	17	20	18	13	16
Northeast IL Reg Comm	16	8	15	19	10	439	276	318	254	273
New Jersey Transit Rail	9	10	14	13	21	201	219	173	210	210
Norfolk Southern Corp.	139	118	112	131	83	981	622	648	580	534
Paducah & Louisville	1	3	-	3	-	4	17	7	11	5
Port Auth Trans Hudson	-	-	-	-	-	158	145	205	145	122
Peninsula Comm San Mateo Cnty	4	9	3	4	17	26	26	33	39	26
Port Terminal RR Assn	-	-	-	-	-	28	10	47	23	6
Southern CA Reg Rail Auth.	17	9	9	30	3	103	21	25	78	29
Southeastern PA Trans.	5	2	2	4	4	343	351	576	366	404
Term RR Assn Of St. Louis	-	-	-	-	-	2	3	2	3	7
Union Pacific	167	226	172	133	103	1,525	1,478	1,573	1,349	1,012
Union RR (Pittsburgh)	-	-	-	-	-	17	9	5	7	7
Wheeling & Lake Erie	-	1	1	1	1	20	11	21	4	7
Total	884	903	850	804	704	9,547	8,788	9,628	8,953	7,783

TABLE 1-5 TOTAL CASUALTIES BY STATE

States	Fatalities					Nonfatal					5 year Total	
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009	Kld	Nonf
Alabama	25	21	20	17	12	152	158	143	130	104	95	687
Alaska	1	-	-	1	3	55	40	51	89	104	5	339
Arizona	23	27	12	14	14	116	119	113	115	83	90	546
Arkansas	15	15	18	10	9	214	150	170	139	109	67	782
California	120	122	124	111	86	701	572	647	692	493	563	3,105
Colorado	9	17	5	14	3	167	157	134	123	119	48	700
Connecticut	6	2	8	6	4	105	114	115	87	103	26	524
Delaware	2	2	2	1	2	61	62	55	55	36	9	269
Dist Of Columbia	2	-	-	1	1	107	153	108	102	76	4	546
Florida	51	38	54	51	29	227	198	244	165	158	223	992
Georgia	27	16	33	23	16	166	178	175	148	155	115	822
Idaho	2	5	3	3	4	54	54	58	53	38	17	257
Illinois	54	53	64	71	41	988	833	1,070	861	803	283	4,555
Indiana	36	23	34	28	27	194	207	200	191	168	148	960
Iowa	10	8	12	7	10	166	124	153	157	102	47	702
Kansas	10	24	14	14	8	170	150	186	154	111	70	771
Kentucky	14	20	16	12	6	120	127	107	109	85	68	548
Louisiana	30	23	22	22	21	178	210	180	158	130	118	856
Maine	-	5	1	-	1	20	22	31	16	12	7	101
Maryland	12	11	10	8	5	71	74	105	108	86	46	444
Massachusetts	7	16	15	16	11	168	186	139	331	237	65	1,061
Michigan	11	23	11	11	20	122	142	129	136	110	76	639
Minnesota	11	20	12	11	16	152	139	176	174	121	70	762
Mississippi	22	17	9	18	14	106	86	83	116	81	80	472
Missouri	21	20	12	20	20	224	163	197	177	161	93	922
Montana	9	5	3	5	4	89	103	120	129	124	26	565
Nebraska	17	8	8	3	11	191	200	198	195	151	47	935
Nevada	5	6	4	4	-	30	44	30	33	19	19	156
New Hampshire	-	-	-	1	-	4	6	4	4	3	1	21
New Jersey	17	20	16	21	25	393	388	402	409	359	99	1,951
New Mexico	12	9	16	12	15	73	61	63	59	51	64	307
New York	27	16	24	24	29	770	847	993	968	964	120	4,542
North Carolina	24	29	27	27	23	105	114	96	124	107	130	546
North Dakota	8	2	4	3	3	55	51	56	73	59	20	294
Ohio	23	41	31	27	32	258	217	238	172	134	154	1,019
Oklahoma	11	21	13	12	11	102	100	114	87	64	68	467
Oregon	4	8	7	8	5	106	109	118	94	66	32	493
Pennsylvania	27	21	28	32	33	604	593	834	617	638	141	3,286
Rhode Island	-	2	2	1	3	13	18	12	16	6	8	65
South Carolina	29	21	17	14	12	370	80	77	52	53	93	632
South Dakota	3	2	1	1	4	31	34	24	31	25	11	145
Tennessee	18	22	13	25	6	139	118	108	118	105	84	588
Texas	72	93	83	53	56	683	669	689	553	471	357	3,065
Utah	3	2	-	2	3	54	42	58	41	44	10	239
Vermont	-	-	-	-	2	21	14	23	30	18	2	106
Virginia	5	7	5	9	11	154	132	133	132	113	37	664
Washington	20	21	16	14	17	214	169	196	171	174	88	924
West Virginia	6	9	7	6	9	71	60	62	65	88	37	346
Wisconsin	19	10	8	9	4	138	114	120	100	100	50	572
Wyoming	4	-	6	1	3	74	85	91	94	62	14	406
Total	884	903	850	804	704	9,546	8,786	9,628	8,953	7,783	4,145	44,696

TABLE 1-6 TOTAL EMPLOYEE ON DUTY CASES BY RAILROAD

Railroads	2005		2006		2007		2008		2009	
	Cnt	Rate	Cnt	Rate	Cnt	Rate	Cnt	Rate	Cnt	Rate
Alton & Southern	10	2.91	8	2.31	4	1.23	7	2.19	6	2.17
Alaska RR Corp.	29	3.65	22	2.70	30	3.74	73	9.15	81	10.99
Amtrak	651	3.54	594	3.29	486	2.68	523	2.84	434	2.28
Burlington Northern Santa Fe	773	1.89	656	1.52	851	2.02	832	2.02	759	2.09
Buffalo & Pittsburg	2	0.97	3	1.44	5	2.25	-	-	-	-
Belt Rwy Of Chicago	8	1.57	14	2.92	12	2.61	9	1.95	14	3.54
Canadian National	240	2.81	196	2.36	219	2.73	178	2.20	143	2.13
Canadian Pacific	124	2.57	107	2.30	146	3.14	123	2.65	119	2.91
Conrail Shared Assets	11	0.94	13	1.16	19	1.74	17	1.51	15	1.50
CSX Transportation	602	1.79	499	1.47	408	1.24	387	1.23	325	1.20
Florida East Coast	10	1.23	5	0.61	14	1.78	2	0.30	9	1.67
Guilford Rail System	12	1.33	12	1.39	23	2.61	10	1.15	10	1.29
Other Railroads	700	19.29	696	18.75	638	6.09	625	14.58	478	12.52
Indiana Harbor Belt	15	1.83	14	1.77	11	1.36	15	1.63	7	1.17
Kansas City Southern	80	2.23	53	1.56	57	1.64	39	1.09	51	1.65
Long Island Rail Road	219	3.48	181	2.81	170	2.52	159	2.22	188	2.65
MD Assn. of Rail Comm	6	2.37	2	0.75	1	0.37	1	0.37	1	0.38
Mass Bay Transit Auth.	75	3.84	74	4.25	59	3.02	73	3.61	83	4.19
Metro North Commuter	202	3.38	187	3.06	179	2.96	133	2.12	172	2.73
Montana Rail Link	34	3.38	45	4.34	31	3.00	32	2.96	31	3.18
Northern IN Comm Trans	15	4.82	3	0.97	5	1.60	7	2.17	5	1.56
Northeast IL Reg Comm	78	1.84	91	2.26	101	2.45	84	2.01	81	1.79
New Jersey Transit Rail	147	3.22	154	3.30	117	2.44	124	2.48	131	2.69
Norfolk Southern Corp.	397	1.23	338	1.06	377	1.18	301	0.95	299	1.09
Paducah & Louisville	4	1.55	12	4.67	5	1.80	7	2.35	3	1.07
Port Auth Trans Hudson	86	8.55	89	8.74	114	11.02	99	9.11	90	7.97
Peninsula Comm San Mateo Cnty	9	2.36	8	2.09	12	3.00	16	3.74	12	2.79
Port Terminal RR Assn	28	8.13	9	2.80	22	6.23	22	6.59	6	2.24
Southern CA Reg Rail Auth.	18	5.32	7	2.11	4	1.22	4	1.16	6	1.67
Southeastern PA Trans.	185	11.40	195	11.43	271	15.82	192	11.00	206	11.58
Term RR Assn Of St. Louis	2	0.68	3	1.01	2	0.74	1	0.39	7	3.49
Union Pacific	1,048	2.15	981	1.95	1,058	2.09	892	1.83	638	1.52
Union RR (Pittsburgh)	17	4.32	9	2.27	5	1.17	7	1.74	7	2.12
Wheeling & Lake Erie	10	2.23	8	1.79	7	1.68	2	0.49	5	1.38

Rate is the frequency of total cases per 200,000 hours worked

TABLE 1-7 TRAIN ACCIDENTS BY RAILROAD, EXCLUDING HRC

Railroads	2005		2006		2007		2008		2009	
	Cnt	Rate	Cnt	Rate	Cnt	Rate	Cnt	Rate	Cnt	Rate
Alton & Southern	18	17.15	11	10.71	13	13.42	10	10.22	7	9.82
Alaska RR Corp.	2	1.15	1	0.65	1	0.66	2	1.39	7	4.93
Amtrak	112	2.96	103	2.70	84	2.12	95	2.39	85	2.04
Burlington Northern Santa Fe	676	3.49	658	3.29	626	3.30	595	3.20	402	2.56
Buffalo & Pittsburg	6	16.17	3	6.47	4	8.24	1	2.16	4	10.25
Belt Rwy Of Chicago	23	44.39	20	39.95	14	28.91	13	27.44	12	33.16
Canadian National	83	3.63	108	4.85	110	5.20	93	4.51	67	4.15
Canadian Pacific	94	6.28	56	3.68	61	4.12	59	4.11	39	3.25
Conrail Shared Assets	42	13.62	29	9.76	40	13.29	25	8.32	32	12.08
CSX Transportation	491	4.53	397	3.66	333	3.05	312	2.95	257	2.93
Florida East Coast	15	5.81	12	4.52	11	4.65	2	0.88	1	0.55
Guilford Rail System	6	4.22	10	6.87	3	1.88	4	2.73	4	3.33
Other Railroads	362	33.88	400	39.13	382	20.58	322	36.12	297	29.48
Indiana Harbor Belt	19	12.69	14	9.69	13	8.74	16	10.92	8	7.53
Kansas City Southern	124	14.18	86	7.40	90	7.90	69	6.07	48	4.74
Long Island Rail Road	12	1.46	9	1.07	5	0.59	13	1.51	15	1.75
MD Assn. of Rail Comm	2	1.66	3	2.51	-	-	3	2.50	2	1.74
Mass Bay Transit Auth.	-	-	1	0.25	4	0.99	3	0.71	1	0.24
Metro North Commuter	40	4.46	52	5.60	39	4.09	23	2.36	24	2.44
Montana Rail Link	15	3.90	22	5.37	11	2.77	27	6.72	8	2.42
Northern IN Comm Trans	-	-	2	2.65	3	3.92	2	2.61	-	-
Northeast IL Reg Comm	6	0.65	4	0.42	10	1.04	6	0.63	5	0.55
New Jersey Transit Rail	30	3.17	34	3.57	38	3.80	29	2.71	37	3.51
Norfolk Southern Corp.	333	3.27	258	2.45	249	2.43	253	2.50	224	2.62
Paducah & Louisville	2	3.47	5	8.52	5	8.21	7	11.22	-	-
Port Auth Trans Hudson	3	1.38	1	0.47	7	3.45	2	0.99	3	1.51
Peninsula Comm San Mateo Cnty	3	2.17	3	2.11	2	1.40	1	0.69	1	0.70
Port Terminal RR Assn	5	3.91	7	5.47	8	6.25	3	2.34	4	3.13
Southern CA Reg Rail Auth.	8	3.72	2	0.87	-	-	5	2.04	1	0.40
Southeastern PA Trans.	9	1.76	9	1.72	17	3.28	7	1.34	13	2.46
Term RR Assn Of St. Louis	17	23.94	14	20.37	8	12.23	6	9.75	3	7.35
Union Pacific	955	4.80	891	4.38	723	3.72	637	3.50	440	2.96
Union RR (Pittsburgh)	3	24.46	5	39.31	2	14.73	-	-	6	59.57
Wheeling & Lake Erie	14	11.95	16	12.19	12	9.39	15	14.31	6	6.39

Rate is the frequency of accidents per 1,000,000 train miles

TABLE 1-8 TRAIN ACCIDENTS BY STATE, EXCLUDING HRC

States	2005		2006		2007		2008		2009		5 year Total	
	Cnt	%	Cnt	%	Cnt	%	Cnt	%	Cnt	%	Cnt	%
Alabama	72	2.2	82	2.7	70	2.6	65	2.6	52	2.8	341	2.6
Alaska	2	0.1	1	0.0	1	0.0	2	0.1	7	0.4	13	0.1
Arizona	35	1.1	36	1.2	23	0.9	30	1.2	17	0.9	141	1.1
Arkansas	86	2.6	78	2.6	58	2.2	65	2.6	43	2.3	330	2.5
California	199	6.1	191	6.4	155	5.8	118	4.8	100	5.3	763	5.7
Colorado	65	2.0	64	2.1	74	2.8	45	1.8	34	1.8	282	2.1
Connecticut	37	1.1	34	1.1	21	0.8	15	0.6	17	0.9	124	0.9
Delaware	6	0.2	7	0.2	7	0.3	4	0.2	4	0.2	28	0.2
Dist Of Columbia	13	0.4	13	0.4	8	0.3	20	0.8	7	0.4	61	0.5
Florida	62	1.9	46	1.5	46	1.7	22	0.9	14	0.7	190	1.4
Georgia	97	3.0	91	3.0	63	2.3	56	2.3	66	3.5	373	2.8
Idaho	29	0.9	31	1.0	18	0.7	25	1.0	16	0.8	119	0.9
Illinois	248	7.6	236	7.9	219	8.1	187	7.6	176	9.3	1,066	8.0
Indiana	95	2.9	65	2.2	78	2.9	66	2.7	42	2.2	346	2.6
Iowa	76	2.3	82	2.7	73	2.7	68	2.8	50	2.6	349	2.6
Kansas	108	3.3	99	3.3	87	3.2	89	3.6	59	3.1	442	3.3
Kentucky	49	1.5	48	1.6	43	1.6	39	1.6	29	1.5	208	1.6
Louisiana	86	2.6	92	3.1	92	3.4	74	3.0	46	2.4	390	2.9
Maine	5	0.2	13	0.4	9	0.3	6	0.2	6	0.3	39	0.3
Maryland	41	1.3	32	1.1	17	0.6	27	1.1	28	1.5	145	1.1
Massachusetts	22	0.7	19	0.6	16	0.6	18	0.7	16	0.8	91	0.7
Michigan	36	1.1	41	1.4	37	1.4	34	1.4	16	0.8	164	1.2
Minnesota	67	2.1	57	1.9	62	2.3	65	2.6	43	2.3	294	2.2
Mississippi	50	1.5	36	1.2	37	1.4	34	1.4	22	1.2	179	1.3
Missouri	73	2.2	63	2.1	63	2.3	81	3.3	51	2.7	331	2.5
Montana	36	1.1	42	1.4	24	0.9	52	2.1	13	0.7	167	1.3
Nebraska	122	3.7	92	3.1	101	3.8	92	3.7	72	3.8	479	3.6
Nevada	14	0.4	19	0.6	7	0.3	13	0.5	5	0.3	58	0.4
New Hampshire	2	0.1	-	-	1	0.0	-	-	1	0.1	4	0.0
New Jersey	77	2.4	53	1.8	76	2.8	48	1.9	63	3.3	317	2.4
New Mexico	42	1.3	30	1.0	21	0.8	22	0.9	15	0.8	130	1.0
New York	106	3.2	100	3.3	80	3.0	76	3.1	66	3.5	428	3.2
North Carolina	29	0.9	31	1.0	26	1.0	27	1.1	25	1.3	138	1.0
North Dakota	25	0.8	21	0.7	28	1.0	25	1.0	19	1.0	118	0.9
Ohio	119	3.6	91	3.0	99	3.7	98	4.0	76	4.0	483	3.6
Oklahoma	69	2.1	63	2.1	71	2.6	63	2.6	41	2.2	307	2.3
Oregon	69	2.1	64	2.1	39	1.5	31	1.3	25	1.3	228	1.7
Pennsylvania	108	3.3	102	3.4	83	3.1	75	3.0	79	4.2	447	3.4
Rhode Island	1	0.0	3	0.1	1	0.0	5	0.2	3	0.2	13	0.1
South Carolina	26	0.8	17	0.6	21	0.8	22	0.9	17	0.9	103	0.8
South Dakota	25	0.8	10	0.3	15	0.6	14	0.6	9	0.5	73	0.5
Tennessee	69	2.1	70	2.3	60	2.2	68	2.8	53	2.8	320	2.4
Texas	395	12.1	357	11.9	326	12.1	265	10.8	195	10.3	1,538	11.6
Utah	31	0.9	37	1.2	37	1.4	20	0.8	15	0.8	140	1.1
Vermont	7	0.2	3	0.1	2	0.1	3	0.1	2	0.1	17	0.1
Virginia	55	1.7	53	1.8	41	1.5	40	1.6	32	1.7	221	1.7
Washington	67	2.1	59	2.0	55	2.0	50	2.0	37	2.0	268	2.0
West Virginia	42	1.3	30	1.0	24	0.9	24	1.0	17	0.9	137	1.0
Wisconsin	31	0.9	30	1.0	26	1.0	35	1.4	19	1.0	141	1.1
Wyoming	39	1.2	61	2.0	47	1.7	42	1.7	28	1.5	217	1.6
Total	3,265	100.0	2,995	100.0	2,688	100.0	2,465	100.0	1,888	100.0	13,301	100.0

TABLE 1-9 CONSISTS TRANSPORTING HAZMAT, BY RAILROAD

Railroads	2005			2006			2007			2008			2009		
	Cnt	Dmg	RI	Cnt	Dmg	RI	Cnt	Dmg	RI	Cnt	Dmg	RI	Cnt	Dmg	RI
Alton & Southern	2	1	-	1	-	-	2	-	-	3	1	-	4	1	-
Alaska RR Corp.	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Amtrak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Burlington Northern Santa Fe	318	133	10	312	141	7	270	108	10	314	119	6	189	72	7
Buffalo & Pittsburg	1	1	-	1	-	-	1	-	-	-	-	-	2	1	-
Belt Rwy Of Chicago	1	-	-	7	4	1	2	2	-	4	4	-	2	2	-
Canadian National	21	15	2	43	30	1	47	25	3	49	22	-	35	21	3
Canadian Pacific	21	6	-	20	6	1	11	7	-	14	4	1	13	7	-
Conrail Shared Assets	4	2	-	3	-	-	8	6	-	6	4	-	8	5	1
CSX Transportation	157	54	5	139	58	6	121	53	11	126	42	2	103	42	-
Florida East Coast	3	-	-	6	1	-	3	-	-	1	-	-	2	1	1
Guilford Rail System	5	5	-	6	1	-	1	1	-	2	1	1	-	-	-
Other Railroads	59	30	4	71	47	2	63	36	6	39	24	-	48	32	3
Indiana Harbor Belt	4	1	-	4	1	-	3	2	-	6	1	-	2	-	-
Kansas City Southern	51	22	-	20	10	-	40	21	1	11	8	-	13	6	-
Long Island Rail Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MD Assn. of Rail Comm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mass Bay Transit Auth.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metro North Commuter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montana Rail Link	7	2	-	7	5	1	4	4	-	7	4	1	3	-	-
Northern IN Comm Trans	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northeast IL Reg Comm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey Transit Rail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norfolk Southern Corp.	59	24	5	49	16	6	37	16	7	31	9	5	34	18	4
Paducah & Louisville	-	-	-	2	-	-	2	2	2	2	2	-	-	-	-
Port Auth Trans Hudson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peninsula Comm San Mateo Cnty	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Port Terminal RR Assn	1	-	-	1	-	-	4	2	-	-	-	-	3	1	-
Southern CA Reg Rail Auth.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Southeastern PA Trans.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Term RR Assn Of St. Louis	1	1	-	2	2	-	-	-	-	1	1	-	1	-	-
Union Pacific	218	97	12	198	86	5	197	87	6	187	74	5	144	48	3
Union RR (Pittsburgh)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wheeling & Lake Erie	3	1	1	5	3	-	4	-	-	3	2	1	-	-	-
Total	938	396	39	897	411	30	820	372	46	806	322	22	607	258	22

Cnt = Number of Consists; Dmg = Damaged; RI = Releases

TABLE 1-10 CONSISTS TRANSPORTING HAZMAT, BY STATE

States	2005			2006			2007			2008			2009		
	Cnt	Dmg	RIs	Cnt	Dmg	RIs	Cnt	Dmg	RIs	Cnt	Dmg	RIs	Cnt	Dmg	RIs
Alabama	20	6	-	38	18	3	22	10	2	27	10	1	18	11	-
Alaska	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Arizona	18	6	-	24	13	2	14	9	2	12	8	-	10	3	-
Arkansas	33	12	3	25	11	-	17	8	-	22	10	1	13	2	-
California	37	19	2	44	24	3	41	24	4	44	18	1	43	19	1
Colorado	17	14	-	17	10	1	18	6	1	18	6	-	10	5	1
Connecticut	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Delaware	2	2	-	1	1	-	-	-	-	-	-	-	-	-	-
Dist Of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Florida	13	4	1	12	4	-	11	5	1	4	3	-	8	3	1
Georgia	21	7	1	23	10	2	18	4	2	19	6	2	25	11	1
Idaho	6	-	-	11	6	-	8	4	-	8	5	-	5	1	-
Illinois	61	23	3	72	29	2	55	16	1	65	27	-	52	27	4
Indiana	16	10	1	11	3	1	19	6	1	24	5	-	8	2	-
Iowa	22	6	-	9	1	-	21	9	-	18	4	-	24	8	1
Kansas	33	14	1	43	18	2	43	18	1	37	11	2	10	4	-
Kentucky	9	4	-	12	1	-	11	5	4	9	5	-	4	1	-
Louisiana	43	19	1	44	25	1	53	26	1	39	19	1	19	8	1
Maine	5	3	1	11	5	-	3	-	-	5	1	-	3	2	1
Maryland	6	4	-	7	3	-	3	1	-	1	-	-	8	4	-
Massachusetts	3	2	-	5	4	-	2	1	-	2	1	1	2	-	-
Michigan	8	4	-	7	5	-	6	3	-	5	2	-	4	-	-
Minnesota	29	10	-	17	8	1	21	6	1	26	14	2	14	7	1
Mississippi	25	13	1	11	7	-	21	9	1	14	5	-	7	6	-
Missouri	24	10	1	16	8	-	20	8	2	15	5	1	15	5	1
Montana	14	4	-	22	10	1	7	5	-	17	7	1	5	1	-
Nebraska	27	14	-	10	5	-	14	5	-	27	12	-	23	8	-
Nevada	3	3	-	2	2	-	2	1	-	4	1	-	5	3	-
New Hampshire	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	6	2	-	4	2	-	10	7	-	7	4	-	7	4	1
New Mexico	31	18	1	12	5	-	11	5	-	13	8	1	8	4	-
New York	28	14	3	25	8	-	19	13	2	27	11	-	10	5	-
North Carolina	16	3	-	11	1	-	7	3	1	13	4	1	12	8	2
North Dakota	11	5	-	6	3	-	8	4	-	9	4	1	9	4	1
Ohio	32	10	1	28	16	2	23	11	4	24	8	2	14	6	-
Oklahoma	21	9	2	35	9	-	28	12	1	23	10	2	16	3	-
Oregon	9	7	1	16	7	-	10	2	-	8	5	-	9	3	-
Pennsylvania	22	8	1	20	8	4	12	7	1	7	3	1	15	10	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	12	2	1	3	3	-	8	3	-	6	3	-	8	3	-
South Dakota	2	-	-	2	1	-	3	2	-	1	-	-	1	-	-
Tennessee	28	6	1	34	14	1	25	9	3	32	14	-	21	8	1
Texas	160	70	9	138	71	4	149	77	6	119	42	-	94	37	3
Utah	4	3	1	5	3	-	7	4	-	5	3	-	3	2	-
Vermont	2	-	-	1	1	-	2	2	-	-	-	-	-	-	-
Virginia	2	1	-	10	2	-	6	3	1	3	1	1	6	4	-
Washington	31	13	1	34	17	-	20	10	-	23	10	-	18	9	-
West Virginia	2	2	-	1	1	-	3	3	-	2	1	-	3	-	-
Wisconsin	10	3	-	10	4	-	7	2	-	14	3	-	10	2	-
Wyoming	10	5	1	8	4	-	12	4	1	8	3	-	6	4	1
Total	938	396	39	897	411	30	820	372	46	806	322	22	607	258	22

TABLE 1-11 TOTAL HIGHWAY-RAIL CROSSING INCIDENTS BY RAILROAD

Railroads	At Public Crossing					At Private Crossing				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Alton & Southern	1	-	1	-	-	-	-	-	-	-
Alaska RR Corp.	2	1	1	1	4	-	-	-	-	-
Amtrak	108	110	118	118	115	22	23	18	19	12
Burlington Northern Santa Fe	383	337	292	256	206	78	57	61	46	50
Buffalo & Pittsburg	4	2	2	3	-	-	1	2	1	-
Belt Rwy Of Chicago	-	-	-	-	-	1	1	1	-	-
Canadian National	163	131	128	156	97	25	22	18	20	8
Canadian Pacific	54	53	51	47	39	12	6	12	4	6
Conrail Shared Assets	31	26	22	19	17	1	-	-	1	2
CSX Transportation	452	411	382	307	281	62	65	68	68	46
Florida East Coast	29	33	36	10	10	-	-	-	-	-
Guilford Rail System	-	-	1	6	1	-	-	-	1	1
Other Railroads	300	299	310	259	234	47	61	53	36	43
Indiana Harbor Belt	11	4	4	7	2	-	1	2	1	1
Kansas City Southern	100	99	68	76	48	9	5	12	5	6
Long Island Rail Road	14	10	11	11	14	-	-	-	-	1
MD Assn. of Rail Comm	-	-	2	1	3	-	-	-	-	-
Mass Bay Transit Auth.	3	6	3	2	1	1	-	-	1	-
Metro North Commuter	2	2	1	3	1	-	1	1	1	1
Montana Rail Link	4	4	6	3	3	3	5	1	5	2
Northern IN Comm Trans	8	5	6	5	4	-	-	-	-	-
Northeast IL Reg Comm	22	23	16	17	13	-	2	-	-	1
New Jersey Transit Rail	7	8	10	9	14	-	2	-	-	1
Norfolk Southern Corp.	423	394	362	339	231	78	86	87	67	44
Paducah & Louisville	2	10	2	4	1	1	-	-	-	-
Peninsula Comm San Mateo Cnty	2	11	7	7	10	-	1	-	1	1
Port Terminal RR Assn	-	2	3	3	-	4	-	3	2	1
Southern CA Reg Rail Auth.	17	18	17	13	9	-	1	1	-	-
Southeastern PA Trans.	3	1	4	-	5	-	-	-	-	-
Term RR Assn Of St. Louis	-	3	2	4	2	-	-	-	-	-
Union Pacific	481	501	459	380	266	78	85	84	59	53
Union RR (Pittsburgh)	-	-	-	-	-	-	-	1	-	-
Wheeling & Lake Erie	15	12	20	9	5	1	-	-	3	-
Total	2,641	2,516	2,347	2,075	1,636	423	425	425	341	280

TABLE 1-12 TOTAL HIGHWAY-RAIL CROSSING INCIDENTS BY STATE

States	At Public Crossing					At Private Crossing					At Public Crossing			At Private Crossing		
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009	Cnt	Kld	Nonf	Cnt	Kld	Nonf
Alabama	105	114	95	78	60	8	13	9	7	10	452	54	184	47	3	10
Alaska	2	1	1	1	4	-	-	-	-	-	9	1	-	-	-	-
Arizona	34	45	32	21	18	5	3	6	1	2	150	9	35	17	3	8
Arkansas	61	75	64	65	40	12	5	8	4	4	305	40	130	33	5	9
California	131	142	138	122	101	18	27	26	21	13	634	145	273	105	14	26
Colorado	32	35	22	27	19	4	10	9	4	3	135	27	57	30	-	15
Connecticut	6	7	2	3	4	-	2	1	1	-	22	4	7	4	-	3
Delaware	8	5	5	-	3	-	2	1	1	1	21	1	11	5	-	1
Dist Of Columbia	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
Florida	89	106	81	63	40	14	12	9	12	10	379	72	116	57	10	59
Georgia	110	119	114	88	94	21	16	24	21	12	525	49	166	94	2	18
Idaho	21	19	20	18	8	2	3	1	2	2	86	9	21	10	-	3
Illinois	144	152	133	130	81	36	22	27	22	22	640	124	306	129	5	35
Indiana	166	134	148	130	87	11	6	16	11	11	665	83	186	55	4	15
Iowa	70	60	74	64	46	7	9	8	8	6	314	27	113	38	1	10
Kansas	56	53	49	37	39	8	6	8	6	7	234	37	94	35	5	14
Kentucky	66	55	60	40	53	20	12	15	12	5	274	25	94	64	5	20
Louisiana	119	126	95	99	71	12	18	27	14	13	510	63	229	84	5	33
Maine	4	7	6	6	4	1	-	-	-	-	27	2	9	1	-	-
Maryland	13	15	13	11	11	6	9	3	7	2	63	1	19	27	2	7
Massachusetts	10	10	7	7	2	1	1	2	1	2	36	3	40	7	1	2
Michigan	88	74	62	53	46	9	8	5	6	3	323	31	79	31	3	19
Minnesota	59	53	48	54	36	6	8	11	3	4	250	35	88	32	3	10
Mississippi	73	77	64	68	39	6	5	5	2	3	321	47	174	21	1	16
Missouri	54	48	34	39	32	10	12	9	7	7	207	43	96	45	6	22
Montana	15	12	15	12	10	5	7	3	7	5	64	7	16	27	2	6
Nebraska	44	28	41	40	36	6	9	11	8	5	189	31	85	39	4	11
Nevada	4	2	1	3	3	-	2	-	3	1	13	1	2	6	-	3
New Hampshire	2	1	1	2	2	-	1	1	1	-	8	-	3	3	-	-
New Jersey	41	34	25	30	37	3	9	5	3	4	167	19	55	24	-	6
New Mexico	17	8	11	9	11	3	2	3	1	2	56	13	26	11	7	4
New York	36	24	39	39	22	7	8	10	1	9	160	31	38	35	7	10
North Carolina	56	57	57	60	50	11	18	11	9	5	280	33	125	54	3	17
North Dakota	16	12	11	13	14	2	-	2	1	1	66	14	23	6	2	1
Ohio	128	113	114	82	55	10	16	6	14	8	492	47	166	54	7	14
Oklahoma	60	66	55	56	43	4	4	4	2	5	280	42	153	19	1	7
Oregon	19	19	19	12	7	8	9	7	1	2	76	5	15	27	1	4
Pennsylvania	68	51	56	47	35	12	11	25	13	11	257	19	78	72	2	14
Rhode Island	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
South Carolina	71	39	58	53	36	4	8	8	10	5	257	36	85	35	4	9
South Dakota	16	15	12	13	16	2	1	-	-	1	72	9	39	4	-	-
Tennessee	68	56	63	55	52	11	12	10	8	4	294	23	105	45	5	7
Texas	266	297	258	189	149	59	42	38	39	28	1,159	121	510	206	20	99
Utah	15	11	16	11	13	3	3	1	1	-	66	4	19	8	-	1
Vermont	3	2	3	2	7	1	1	1	1	2	17	2	7	6	-	2
Virginia	28	26	19	28	23	23	18	16	16	12	124	5	32	85	4	23
Washington	43	37	38	24	17	14	13	10	12	15	159	18	34	64	7	18
West Virginia	24	18	13	8	15	11	14	13	7	8	78	9	19	53	1	14
Wisconsin	77	52	53	60	43	7	6	9	9	3	285	23	78	34	2	7
Wyoming	1	3	2	3	2	-	1	1	1	2	11	1	3	5	-	2
Total	2,640	2,515	2,347	2,075	1,636	423	425	425	341	280	11,213	1445	4243	1,894	157	634

TABLE 1-13 HIGHWAY-RAIL CROSSING INCIDENTS CASUALTIES BY RAILROAD

Railroads	Fatalities					Nonfatal				
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
Alton & Southern	-	-	-	-	-	1	-	-	-	-
Alaska RR Corp.	-	-	-	-	1	-	-	-	-	-
Amtrak	45	49	60	47	50	86	99	112	163	99
Burlington Northern Santa Fe	71	58	47	43	38	232	182	143	129	104
Buffalo & Pittsburg	-	-	-	-	-	1	1	-	-	-
Canadian National	12	18	8	17	6	47	43	63	62	38
Canadian Pacific	12	2	7	2	4	29	20	21	20	18
Conrail Shared Assets	-	-	-	-	-	6	6	4	5	5
CSX Transportation	48	52	46	40	29	93	133	143	163	102
Florida East Coast	10	4	3	1	2	2	6	11	7	4
Other Railroads	16	20	17	19	15	88	79	93	66	64
Indiana Harbor Belt	1	-	-	-	-	-	2	1	2	-
Kansas City Southern	7	4	9	5	11	38	46	36	39	17
Long Island Rail Road	8	2	2	2	4	4	1	1	2	2
MD Assn. of Rail Comm	-	-	-	-	1	-	-	1	1	10
Mass Bay Transit Auth.	1	2	-	1	-	3	28	-	1	-
Metro North Commuter	-	-	-	-	-	1	1	4	1	-
Montana Rail Link	-	-	-	-	-	1	2	1	1	-
Northern IN Comm Trans	-	-	3	-	2	1	3	1	-	2
Northeast IL Reg Comm	8	5	5	4	4	28	26	6	4	5
New Jersey Transit Rail	1	3	3	1	4	-	5	1	3	9
Norfolk Southern Corp.	55	42	42	56	23	144	148	133	126	94
Paducah & Louisville	-	2	-	-	-	-	4	1	2	1
Peninsula Comm San Mateo Cnty	-	5	1	2	6	-	2	-	3	1
Port Terminal RR Assn	-	-	-	-	-	1	1	25	1	-
Southern CA Reg Rail Auth.	1	4	5	3	2	1	3	5	-	-
Southeastern PA Trans.	-	-	2	-	-	-	-	12	-	6
Term RR Assn Of St. Louis	-	-	-	-	-	-	-	-	2	-
Union Pacific	63	96	77	46	43	234	225	223	167	137
Wheeling & Lake Erie	-	1	1	1	1	9	3	13	2	2
Total	359	369	338	290	246	1,050	1,069	1,054	972	720

TABLE 1-14 TOTAL HIGHWAY-RAIL CROSSING INCIDENT CASUALTIES BY STATE

States	Fatalities					Nonfatal					5 year Total	
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009	Kid	Nonf
Alabama	17	11	15	10	4	45	49	38	34	26	57	192
Alaska	-	-	-	-	1	-	-	-	-	-	1	-
Arizona	2	6	-	1	3	5	11	9	13	5	12	43
Arkansas	8	9	12	7	9	40	27	35	21	16	45	139
California	23	36	46	25	29	59	38	75	93	33	159	298
Colorado	6	10	2	8	1	18	33	10	3	8	27	72
Connecticut	3	-	-	-	1	2	3	4	1	-	4	10
Delaware	1	-	-	-	-	3	4	3	-	2	1	12
Florida	17	10	20	25	10	21	35	66	30	23	82	175
Georgia	12	8	17	8	6	26	37	46	38	36	51	183
Idaho	1	3	3	2	-	6	2	5	4	7	9	24
Illinois	31	25	29	27	17	83	74	69	69	46	129	341
Indiana	21	13	19	20	14	32	37	48	46	38	87	201
Iowa	6	6	7	5	4	32	20	27	25	19	28	123
Kansas	7	15	9	9	2	31	27	18	16	15	42	107
Kentucky	7	9	9	4	1	26	28	21	17	22	30	114
Louisiana	20	8	14	15	11	44	81	57	45	35	68	262
Maine	-	1	1	-	-	2	2	1	-	4	2	9
Maryland	1	1	1	-	-	1	7	5	4	9	3	26
Massachusetts	1	2	-	1	-	6	30	2	3	1	4	42
Michigan	5	10	3	4	12	14	30	19	21	14	34	98
Minnesota	9	12	5	6	6	28	17	18	20	14	38	97
Mississippi	10	13	3	14	8	30	37	23	76	24	48	190
Missouri	17	7	7	10	8	32	26	26	17	17	49	118
Montana	3	1	2	2	1	4	7	4	4	3	9	22
Nebraska	12	5	8	2	8	22	19	17	20	18	35	96
Nevada	1	-	-	-	-	-	1	-	3	1	1	5
New Hampshire	-	-	-	-	-	-	1	-	1	-	-	2
New Jersey	2	9	3	1	4	11	11	4	19	16	19	61
New Mexico	4	5	7	1	3	7	6	7	4	5	20	29
New York	13	5	5	6	9	10	10	12	13	3	38	48
North Carolina	6	8	6	8	8	38	23	19	31	31	36	142
North Dakota	8	-	4	1	3	4	4	4	5	5	16	22
Ohio	8	17	8	12	9	46	38	40	35	21	54	180
Oklahoma	6	16	9	8	4	34	36	36	31	23	43	160
Oregon	1	1	1	2	1	4	9	4	1	1	6	19
Pennsylvania	5	4	5	6	1	22	13	28	12	17	21	92
South Carolina	9	12	7	6	6	17	14	30	17	16	40	94
South Dakota	2	2	1	1	3	9	7	3	9	11	9	39
Tennessee	7	8	6	5	2	28	20	21	26	17	28	112
Texas	23	44	34	17	23	144	150	140	97	77	141	608
Utah	2	-	-	-	2	9	3	6	2	-	4	20
Vermont	-	-	-	-	2	3	2	-	2	2	2	9
Virginia	2	-	-	4	3	13	7	12	14	9	9	55
Washington	6	7	6	4	2	14	11	15	6	5	25	51
West Virginia	1	4	-	2	3	4	9	4	8	8	10	33
Wisconsin	13	6	3	1	2	20	12	22	14	17	25	85
Wyoming	-	-	1	-	-	1	1	1	2	-	1	5
Total	359	369	338	290	246	1,050	1,069	1,054	972	720	1,602	4,865

TABLE 1-15 TRESPASSER CASUALTIES BY RAILROAD, NOT AT HRC

Railroads	Fatalities					Nonfatal					5 year Total	
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009	KId	Nonf
Alaska RR Corp.	1	-	-	-	2	-	-	1	-	-	3	1
Amtrak	71	67	64	70	86	28	26	20	36	33	358	143
Burlington Northern Santa Fe	73	82	66	59	77	66	98	84	59	45	357	352
Buffalo & Pittsburg	-	1	-	1	-	-	-	-	-	-	2	-
Belt Rwy Of Chicago	-	-	-	-	-	-	-	-	1	1	-	2
Canadian National	8	9	10	14	5	9	9	9	6	5	46	38
Canadian Pacific	2	3	7	4	3	2	5	6	1	6	19	20
Conrail Shared Assets	1	1	-	-	1	1	4	3	1	1	3	10
CSX Transportation	62	84	80	73	69	58	57	51	64	65	368	295
Florida East Coast	16	14	17	11	9	6	6	10	4	2	67	28
Guilford Rail System	2	2	1	-	3	3	-	2	1	1	8	7
Other Railroads	14	12	13	18	9	11	23	14	12	8	66	68
Indiana Harbor Belt	-	1	-	-	-	1	2	1	-	-	1	4
Kansas City Southern	5	9	8	7	4	10	11	9	11	8	33	49
Long Island Rail Road	1	-	6	6	2	4	-	3	6	7	15	20
MD Assn. of Rail Comm	1	2	1	1	-	-	1	-	-	-	5	1
Mass Bay Transit Auth.	3	6	9	8	4	-	-	1	5	3	30	9
Metro North Commuter	3	1	9	2	4	3	4	1	5	3	19	16
Montana Rail Link	3	-	-	-	2	3	1	-	1	1	5	6
Northern IN Comm Trans	-	-	1	-	-	-	-	2	-	-	1	2
Northeast IL Reg Comm	6	2	5	13	6	5	7	11	6	8	32	37
New Jersey Transit Rail	7	6	11	9	16	5	9	3	3	2	49	22
Norfolk Southern Corp.	72	75	67	73	59	71	65	53	74	50	346	313
Paducah & Louisville	1	1	-	3	-	-	1	1	2	1	5	5
Port Auth Trans Hudson	-	-	-	-	-	3	-	-	-	-	-	3
Peninsula Comm San Mateo Cnty	4	4	2	2	11	4	3	2	3	2	23	14
Southern CA Reg Rail Auth.	5	5	4	2	1	3	-	1	1	1	17	6
Southeastern PA Trans.	2	2	-	4	3	-	1	1	2	3	11	7
Union Pacific	95	122	89	77	52	124	148	117	128	90	435	607
Wheeling & Lake Erie	-	-	-	-	-	-	-	1	-	-	-	1
Total	458	511	470	457	428	420	481	407	432	346	2,324	2,086

TABLE 1-16 TRESPASSER CASUALTIES BY STATE, NOT AT HRC

States	Fatalities					Nonfatal					5 year Total	
	2005	2006	2007	2008	2009	2005	2006	2007	2008	2009	Kid	Nonf
Alabama	6	10	5	6	7	12	11	5	12	6	34	46
Alaska	1	-	-	-	2	-	-	1	-	-	3	1
Arizona	21	20	10	13	8	15	22	14	16	12	72	79
Arkansas	4	6	6	3	-	7	7	4	6	7	19	31
California	82	81	71	60	57	66	61	41	48	42	351	258
Colorado	3	7	2	5	2	13	12	14	13	3	19	55
Connecticut	3	2	8	6	3	1	3	3	4	4	22	15
Delaware	1	2	2	1	2	2	1	-	4	-	8	7
Dist Of Columbia	1	-	-	1	1	-	1	-	1	2	3	4
Florida	33	28	33	26	19	22	20	16	14	8	139	80
Georgia	15	8	14	15	10	14	17	12	8	14	62	65
Idaho	1	2	-	1	2	1	-	2	-	4	6	7
Illinois	19	25	26	39	21	20	29	35	26	24	130	134
Indiana	14	10	14	7	13	7	13	13	14	13	58	60
Iowa	2	-	4	2	3	2	2	3	6	5	11	18
Kansas	2	9	5	4	4	7	12	8	9	8	24	44
Kentucky	7	11	5	8	5	6	9	4	9	7	36	35
Louisiana	10	14	8	6	10	11	17	11	10	5	48	54
Maine	-	4	-	-	1	-	-	1	1	-	5	2
Maryland	10	10	9	7	5	10	2	2	5	3	41	22
Massachusetts	5	13	11	15	11	5	1	3	10	4	55	23
Michigan	5	12	6	7	8	3	2	4	3	4	38	16
Minnesota	2	6	6	5	9	3	6	11	5	5	28	30
Mississippi	8	4	6	4	6	8	7	6	3	5	28	29
Missouri	4	12	5	9	12	11	11	9	5	7	42	43
Montana	6	4	1	2	3	4	5	4	3	2	16	18
Nebraska	5	3	-	1	3	1	5	5	3	3	12	17
Nevada	4	6	4	4	-	4	8	2	6	2	18	22
New Hampshire	-	-	-	1	-	-	-	-	-	-	1	-
New Jersey	13	10	13	16	20	7	9	6	6	9	72	37
New Mexico	8	4	8	11	10	7	8	4	6	4	41	29
New York	14	9	18	17	18	12	6	10	13	21	76	62
North Carolina	18	21	21	17	15	12	14	16	19	14	92	75
North Dakota	-	2	-	2	-	2	1	1	3	-	4	7
Ohio	14	24	20	15	23	16	15	17	14	7	96	69
Oklahoma	4	5	4	3	7	4	6	7	5	4	23	26
Oregon	2	7	6	6	4	8	3	8	10	5	25	34
Pennsylvania	15	17	23	25	30	11	18	18	16	15	110	78
Rhode Island	-	2	2	-	3	-	1	-	1	-	7	2
South Carolina	10	9	10	8	6	7	11	2	7	3	43	30
South Dakota	1	-	-	-	1	-	3	-	-	2	2	5
Tennessee	11	13	7	20	4	8	6	3	9	8	55	34
Texas	44	49	47	31	31	40	70	47	50	31	202	238
Utah	-	1	-	2	1	2	-	4	4	1	4	11
Vermont	-	-	-	-	-	1	1	-	-	-	-	2
Virginia	3	7	5	5	7	3	9	6	8	7	27	33
Washington	14	13	10	10	14	14	10	17	7	7	61	55
West Virginia	5	5	7	4	5	5	1	3	8	4	26	21
Wisconsin	6	4	4	7	1	4	5	4	-	4	22	17
Wyoming	2	-	4	-	1	2	-	1	2	1	7	6
Total	458	511	470	457	428	420	481	407	432	346	2,324	2,086

TABLE 2-1 ACCIDENTS/INCIDENTS, BY MONTH, 2009

Months	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal
January	1,028	40	694	198	-	26	220	18	72	610	22	596
February	823	47	548	155	-	5	154	13	54	514	34	489
March	927	57	652	159	-	5	176	20	81	592	37	566
April	867	53	628	133	-	19	142	18	40	592	35	569
May	878	60	630	146	-	6	142	20	56	590	40	568
June	915	56	672	154	1	16	159	21	70	602	34	586
July	1,037	85	749	163	2	5	157	32	64	717	51	680
August	1,001	62	720	168	-	8	144	18	50	689	44	662
September	925	74	666	160	-	5	128	23	46	637	51	615
October	911	56	653	144	-	7	170	20	74	597	36	572
November	755	52	522	124	-	12	149	18	42	482	34	468
December	948	62	649	184	1	3	175	25	71	589	36	575
Total	11,015	704	7,783	1,888	4	117	1,916	246	720	7,211	454	6,946

TABLE 2-2 ACCIDENT/INCIDENT RATES, BY MONTH, 2009

Months	Total Accident/ Incident	Train Accidents	Employee On Duty	Highway-rail Crossing	Other Events	Trespasser	Passenger On Trains	Passenger Train	Yard Track	Other Track
January	17.82	3.43	2.08	3.81	10.57	0.59	6.56	0.91	12.58	2.10
February	15.39	2.90	1.81	2.88	9.61	0.88	5.19	1.07	12.74	1.50
March	16.04	2.75	1.89	3.05	10.25	1.23	7.10	1.19	10.72	1.60
April	15.94	2.45	2.13	2.61	10.88	1.01	6.40	1.10	10.61	1.28
May	16.24	2.70	1.93	2.63	10.91	1.33	6.78	0.68	12.51	1.33
June	16.92	2.85	2.07	2.94	11.13	1.33	6.52	1.02	12.78	1.45
July	18.73	2.94	2.27	2.84	12.95	1.54	7.73	0.99	12.76	1.58
August	17.57	2.95	2.42	2.53	12.09	1.40	5.93	0.87	13.26	1.55
September	17.08	2.95	2.24	2.36	11.76	1.48	7.13	0.85	15.52	1.20
October	15.76	2.49	1.99	2.94	10.32	1.07	5.66	0.56	10.77	1.36
November	13.91	2.28	1.84	2.74	8.88	1.12	4.45	0.84	10.67	1.15
December	17.71	3.44	2.00	3.27	11.01	1.03	6.80	1.41	12.02	2.25
Total	16.60	2.85	2.06	2.89	10.87	1.17	6.38	0.95	12.23	1.53

1. Total accident/incident rate of all reported events * 1,000,000 /train miles
2. Train accidents * 1,000,000 / total train miles
3. Employee deaths, injuries, illnesses * 200,000 / total hours worked
4. Highway rail incidents * 1,000,000 / total train miles
5. Other events (not train accidents or crossing incidents) * 1,000,000 /train miles
6. Trespassing deaths and injuries * 1,000,000 / total train miles
- 7 Passenger on train deaths and injuries * 100,000,000 / total passenger miles
8. Passenger train accidents * 1,000,000 / passenger train miles
9. Accidents on yard track * 1,000,000 / yard switching train miles
10. Accidents on other than yard track * 1,000,000 / (total train miles - yard switching)

TABLE 2-3 ACCIDENTS/INCIDENTS BY RAILROAD GROUPS, 2009

Groups	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal
I	7,335	585	4,844	1,442	3	81	1,508	204	609	4,385	378	4,154
II	2,596	94	2,317	197	1	35	143	27	55	2,256	66	2,227
III	1,084	25	622	249	-	1	265	15	56	570	10	565
All	11,015	704	7,783	1,888	4	117	1,916	246	720	7,211	454	6,946

TABLE 2-4 OPERATIONAL DATA BY RAILROAD GROUPS, 2009

Groups	Train Miles	Freight Train Miles	Passenger Train Miles	Yard Switching Train Miles	Other Train Miles	Employee Hours	Passengers Carried
I	558,426,096	452,996,407	39,514,000	63,033,606	2,882,083	331,400,365	27,279,224
II	72,279,600	9,389,226	52,574,705	9,635,875	679,794	72,477,042	504,128,146
III	32,893,259	13,187,342	10,831,250	8,742,191	132,476	25,719,743	50,199,305
All	663,598,955	475,572,975	102,919,955	81,411,672	3,694,353	429,597,150	581,606,675

TABLE 2-5 ACCIDENT/INCIDENT RATES BY RAILROAD GROUPS, 2009

Groups	Total Accident/ Incident	Train Accidents	Employee On Duty	Highway-rail Crossing	Other Events	Trespasser	Passenger On Trains	Passenger Train	Yard Track	Other Track
I	13.14	2.58	1.67	2.70	7.85	1.18	10.28	1.24	12.85	1.28
II	35.92	2.73	3.26	1.98	31.21	1.38	4.39	0.89	10.07	1.60
III	32.96	7.57	3.67	8.06	17.33	0.52	4.26	0.18	10.18	6.62
Tot	16.60	2.85	2.06	2.89	10.87	1.17	6.38	0.95	12.23	1.53

TABLE 2-6 ACCIDENTS/INCIDENTS BY RAILROAD, 2009

	Group - Railroads	Total			Train Accidents			HRC Incidents			Other Incidents		
		Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal
1	Amtrak	1,501	139	1,363	85	-	23	127	50	99	1,289	89	1,241
	Burlington Northern Santa Fe	1,591	123	990	402	-	12	256	38	104	933	85	874
	Canadian National	319	13	200	67	1	15	105	6	38	147	6	147
	Canadian Pacific	215	9	150	39	2	2	45	4	18	131	3	130
	CSX Transportation	1,038	100	508	257	-	8	327	29	102	454	71	398
	Kansas City Southern	173	15	87	48	-	-	54	11	17	71	4	70
	Norfolk Southern Corp.	976	83	534	224	-	10	275	23	94	477	60	430
	Union Pacific	1,642	103	1,012	440	-	11	319	43	137	883	60	864
2	Alton & Southern	13	-	6	7	-	-	-	-	-	6	-	6
	Alaska RR Corp.	94	3	81	7	-	-	4	1	-	83	2	81
	Buffalo & Pittsburg	4	-	-	4	-	-	-	-	-	-	-	-
	Belt Rwy Of Chicago	27	-	15	12	-	-	-	-	-	15	-	15
	Conrail Shared Assets	75	1	30	32	-	1	19	-	5	24	1	24
	Florida East Coast	30	11	15	1	-	1	10	2	4	19	9	10
	Guilford Rail System	20	3	11	4	-	-	2	-	-	14	3	11
	Other Railroads	33	-	14	15	-	-	12	-	8	6	-	6
	Indiana Harbor Belt	18	-	7	8	-	-	3	-	-	7	-	7
	Long Island Rail Road	540	6	512	15	-	2	15	4	2	510	2	508
	MD Assn. of Rail Comm	29	1	34	2	-	-	3	1	10	24	-	24
	Mass Bay Transit Auth.	159	4	171	1	-	-	1	-	-	157	4	171
	Metro North Commuter	305	5	274	24	-	-	2	-	-	279	5	274
	Montana Rail Link	50	2	35	8	-	-	5	-	-	37	2	35
	Northern IN Comm Trans	18	2	16	-	-	-	4	2	2	14	-	14
	Northeast IL Reg Comm	284	10	273	5	-	1	14	4	5	265	6	267
	New Jersey Transit Rail	264	21	210	37	1	1	15	4	9	212	16	200
	Paducah & Louisville	5	-	5	-	-	-	1	-	1	4	-	4
	Port Auth Trans Hudson	123	-	122	3	-	2	-	-	-	120	-	120
	Peninsula Comm San Mateo Cnty	48	17	26	1	-	-	11	6	1	36	11	25
	Port Terminal RR Assn	11	-	6	4	-	-	1	-	-	6	-	6
	Southern CA Reg Rail Auth.	38	3	29	1	-	-	9	2	-	28	1	29
	Southeastern PA Trans.	389	4	404	13	-	27	5	-	6	371	4	371
	Term RR Assn Of St. Louis	12	-	7	3	-	-	2	-	-	7	-	7
Union RR (Pittsburgh)	13	-	7	6	-	-	-	-	-	7	-	7	
Wheeling & Lake Erie	16	1	7	6	-	-	5	1	2	5	-	5	
3	Other Railroads	1,117	25	622	282	-	1	265	15	56	570	10	565

Highway-Rail Counts Are Excluded From Other Categories

TABLE 2-7 ACCIDENT/INCIDENT RATES BY RAILROAD, 2009

Group - Railroads		Total Rate 1/	Train Acc Rate 2/	EOD Rate 3/	HRC Rate 4/	Other Events 5/	Tres Rate 6/	Psgr Rate 7/	Psgr Train Rate 8/	Yard Rate 9/	Other Track Rate 10/
1	Amtrak	36.09	2.04	2.28	3.05	30.99	2.86	10.28	1.24	10.57	1.59
	Burlington Northern Santa Fe	10.15	2.56	2.09	1.63	5.95	0.78	.	.	18.32	1.15
	Canadian National	19.77	4.15	2.13	6.51	9.11	0.62	.	.	11.58	2.68
	Canadian Pacific	17.90	3.25	2.91	3.75	10.91	0.75	.	.	8.74	2.11
	CSX Transportation	11.83	2.93	1.20	3.73	5.17	1.53	.	.	11.60	1.41
	Kansas City Southern	17.08	4.74	1.65	5.33	7.01	1.18	.	.	14.89	2.32
	Norfolk Southern Corp.	11.43	2.62	1.09	3.22	5.58	1.28	.	.	13.16	1.23
	Union Pacific	11.05	2.96	1.52	2.15	5.94	0.96	.	.	12.98	1.55
2	Alton & Southern	18.23	9.82	2.17	.	8.42	.	.	.	8.42	.
	Alaska RR Corp.	66.25	4.93	10.99	2.82	58.50	1.41	.	.	5.81	4.10
	Buffalo & Pittsburg	10.25	10.25	.	.	.	.	.	.	26.23	3.63
	Belt Rwy Of Chicago	74.60	33.16	3.54	.	41.44	2.76	.	.	29.14	106.53
	Conrail Shared Assets	28.31	12.08	1.50	7.17	9.06	0.75	.	.	12.05	12.11
	Florida East Coast	16.62	0.55	1.67	5.54	10.53	6.09	.	.	.	0.71
	Guilford Rail System	16.67	3.33	1.29	1.67	11.67	3.33	.	.	.	6.40
	Other Railroads	115.89	20.91	8.85	16.73	78.25	.	.	.	47.98	8.20
	Indiana Harbor Belt	16.93	7.53	1.17	2.82	6.58	.	.	.	9.74	2.90
	Long Island Rail Road	63.06	1.75	2.65	1.75	59.55	1.05	4.84	0.47	.	0.93
	MD Assn. of Rail Comm	25.22	1.74	0.38	2.61	20.87	.	6.49	1.85	.	1.74
	Mass Bay Transit Auth.	37.86	0.24	4.19	0.24	37.39	1.67	16.75	.	.	.
	Metro North Commuter	30.96	2.44	2.73	0.20	28.32	0.71	0.95	1.52	.	2.33
	Montana Rail Link	15.13	2.42	3.18	1.51	11.19	0.91	.	.	10.86	1.05
	Northern IN Comm Trans	23.59	.	1.56	5.24	18.35	.	2.29	.	.	.
	Northeast IL Reg Comm	31.07	0.55	1.79	1.53	28.99	1.53	6.69	0.13	1.58	0.38
	New Jersey Transit Rail	25.04	3.51	2.69	1.42	20.11	1.71	1.76	1.46	52.35	1.86
	Paducah & Louisville	9.70	.	1.07	1.94	7.76	1.94	.	.	.	.
	Port Auth Trans Hudson	61.76	1.51	7.97	.	60.25	.	3.62	0.58	7.70	0.58
	Peninsula Comm San Mateo Cnty	33.76	0.70	2.79	7.74	25.32	9.14	3.22	.	.	0.72
	Port Terminal RR Assn	8.59	3.13	2.24	0.78	4.69	.	.	.	2.34	.
	Southern CA Reg Rail Auth.	15.31	0.40	1.67	3.63	11.28	0.81	0.53	.	.	0.40
	Southeastern PA Trans.	73.48	2.46	11.58	0.94	70.08	1.13	14.66	1.89	.	1.89
Term RR Assn Of St. Louis	29.42	7.35	3.49	4.90	17.16	.	.	.	4.90	.	
Union RR (Pittsburgh)	129.06	59.57	2.12	.	69.49	.	.	.	39.71	.	
Wheeling & Lake Erie	17.04	6.39	1.38	5.33	5.33	.	.	.	5.46	6.62	
3	Other Railroads	33.96	8.57	3.67	8.06	17.33	0.52	4.26	0.18	11.90	7.37

1. Total Accident/incident rate of all reported events * 1,000,000 /train miles
2. Train accidents * 1,000,000 / total train miles
3. Employee deaths, injuries, illnesses * 200,000 / total hours worked
4. Highway rail incidents * 1,000,000 / total train miles
5. Other events (not train accidents or crossing incidents) * 1,000,000 /train miles
6. Trespassing deaths and injuries * 1,000,000 / total train miles
- 7 Passenger on train deaths and injuries * 100,000,000 / total passenger miles
8. Passenger train accidents * 1,000,000 / passenger train miles
9. Accidents on yard track * 1,000,000 / yard switching train miles
10. Accidents on other than yard track * 1,000,000 / (total train miles - yard switching)

TABLE 2-8 RAILROAD RANKINGS, 2009

	Railroads	Train Miles	Hours	Total Rate	Train Acc Rate	EOD Rate	HRC Rate	Other Events	Tres Rate
1	ATK - Amtrak	5	5	36	2	2	3	31	3
	BNSF - Burlington Northern Santa Fe	1	2	10	3	2	2	6	1
	CN - Canadian National	6	6	20	4	2	7	9	1
	CP - Canadian Pacific	7	7	18	3	3	4	11	1
	CSX - CSX Transportation	3	4	12	3	1	4	5	2
	KCS - Kansas City Southern	8	8	17	5	2	5	7	1
	NS - Norfolk Southern Corp.	4	3	11	3	1	3	6	1
	UP - Union Pacific	2	1	11	3	2	2	6	1
2	ALS - Alton & Southern	21	21	18	10	2	0	8	0
	ARR - Alaska RR Corp.	13	11	66	5	11	3	58	1
	BPRR - Buffalo & Pittsburg	24	25	10	10	0	0	0	0
	BRC - Belt Rwy Of Chicago	25	15	75	33	4	0	41	3
	CRSH - Conrail Shared Assets	8	8	28	12	2	7	9	1
	FEC - Florida East Coast	11	13	17	1	2	6	11	6
	GRS - Guilford Rail System	15	10	17	3	1	2	12	3
	IAIS - Other Railroads	20	24	45	21	2	17	7	0
	IHB - Indiana Harbor Belt	17	12	17	8	1	3	7	0
	LI - Long Island Rail Road	4	1	63	2	3	2	60	1
	MACZ - MD Assn. of Rail Comm	16	23	25	2	0	3	21	0
	MBTA - Mass Bay Transit Auth.	6	5	38	0	4	0	37	2
	MH - Other Railroads	27	27	71	0	7	0	71	0
	MNCW - Metro North Commuter	2	2	31	2	3	0	28	1
	MRL - Montana Rail Link	7	9	15	2	3	2	11	1
	NICD - Northern IN Comm Trans	19	19	24	0	2	5	18	0
	NIRC - Northeast IL Reg Comm	3	4	31	1	2	2	29	2
	NJTR - New Jersey Transit Rail	1	3	25	4	3	1	20	2
	PAL - Paducah & Louisville	22	20	10	0	1	2	8	2
	PATH - Port Auth Trans Hudson	10	7	62	2	8	0	60	0
	PCMZ - Peninsula Comm San Mateo Cnty	12	14	34	1	3	8	25	9
	PTRA - Port Terminal RR Assn	14	22	9	3	2	1	5	0
	SCAX - Southern CA Reg Rail Auth.	9	17	15	0	2	4	11	1
	SEPA - Southeastern PA Trans.	5	6	73	2	12	1	70	1
	TRRA - Term RR Assn Of St. Louis	23	26	29	7	3	5	17	0
	URR - Union RR (Pittsburgh)	26	18	129	60	2	0	69	0
	WE - Wheeling & Lake Erie	18	16	17	6	1	5	5	0

TABLE 2-9 OPERATIONAL DATA, BY RAILROAD, 2009

Railroads	Total Train Miles	%	Employee Hours Worked	%	Freight Train Miles	Passenger Train Miles	Yard Switching Miles	Other Train Miles	Psgrs Carried	Psgr Miles Millions
ALS	712,966	0.11	553,198	0.13	-	-	712,966	-	-	-
ARR	1,418,848	0.21	1,474,199	0.34	539,587	191,293	687,968	-	148,712	18
ATK	41,594,704	6.27	38,024,690	8.85	-	39,514,000	2,080,704	-	27,279,224	5,914
BNSF	156,728,870	23.62	72,700,708	16.92	143,848,655	-	12,880,215	-	-	-
BPRR	390,239	0.06	416,145	0.10	275,853	-	114,386	-	-	-
BRC	361,932	0.05	790,986	0.18	18,774	-	343,158	-	-	-
CN	16,134,751	2.43	13,397,273	3.12	13,424,674	-	2,676,848	33,229	-	-
CP	12,007,830	1.81	8,191,007	1.91	9,948,461	-	2,059,369	-	-	-
CRSH	2,649,560	0.40	1,995,400	0.46	1,238,307	-	1,411,253	-	-	-
CSX	87,760,211	13.22	54,119,452	12.60	74,655,961	-	13,104,250	-	-	-
FEC	1,805,093	0.27	1,078,183	0.25	1,405,456	-	399,637	-	-	-
GRS	1,200,062	0.18	1,549,868	0.36	625,300	-	574,762	-	-	-
IAIS	717,316	0.11	429,862	0.10	482,257	589	229,244	5,226	29,271	0
IHB	1,063,032	0.16	1,192,468	0.28	344,466	-	718,566	-	-	-
KCS	10,128,488	1.53	6,165,129	1.44	8,180,450	-	1,948,038	-	-	-
LI	8,563,558	1.29	14,190,012	3.30	-	8,563,558	-	-	82,954,640	2,230
MACZ	1,150,097	0.17	530,605	0.12	-	1,082,236	3,466	64,395	8,087,535	246
MBTA	4,199,298	0.63	3,965,571	0.92	-	4,199,298	-	-	39,632,281	442
MH	14,030	0.00	30,657	0.01	991	12,794	123	122	46,277	1
MNCW	9,851,207	1.48	12,606,371	2.93	-	9,851,207	-	-	77,975,561	2,311
MRL	3,305,595	0.50	1,950,801	0.45	2,845,206	-	460,389	-	-	-
NICD	762,892	0.11	639,512	0.15	-	762,892	-	-	4,095,867	131
NIRC	9,140,695	1.38	9,054,116	2.11	444,817	7,410,436	1,264,740	20,702	78,245,284	1,764
NJTR	10,541,412	1.59	9,746,938	2.27	-	9,608,239	343,824	589,349	75,398,495	2,107
NS	85,419,508	12.87	54,621,026	12.71	75,466,682	-	9,952,826	-	-	-
PAL	515,400	0.08	562,863	0.13	412,469	-	102,931	-	-	-
PATH	1,991,542	0.30	2,257,651	0.53	-	1,731,781	259,761	-	79,880,592	332
PCMZ	1,421,976	0.21	860,761	0.20	-	1,384,800	37,176	-	11,994,530	249
PTRA	1,279,872	0.19	535,548	0.12	-	-	1,279,872	-	-	-
SCAX	2,481,871	0.37	719,377	0.17	-	2,481,871	-	-	11,020,201	379
SEPA	5,293,711	0.80	3,557,827	0.83	-	5,293,711	-	-	34,618,900	471
TRRA	407,895	0.06	400,983	0.09	-	-	407,895	-	-	-
UP	148,651,734	22.40	84,181,080	19.60	127,471,524	-	18,331,356	2,848,854	-	-
URR	100,728	0.02	661,058	0.15	-	-	100,728	-	-	-
WE	938,773	0.14	726,082	0.17	755,743	-	183,030	-	-	-
XXXX	32,893,259	4.96	25,719,743	5.99	13,187,342	10,831,250	8,742,191	132,476	50,199,305	893
Total	663,598,955	100.0	429,597,150	100.0	475,572,975	102,919,955	81,411,672	3,694,353	581,606,675	17,488

XXXX = all other railroads

TABLE 2-10 OPERATIONAL DATA, BY MONTH, 2009

Months	Total Train Miles	%	Employee Hours Worked	%	Freight Train Miles	Passenger Train Miles	Yard Switching Miles	Other Train Miles	Psgrs Carried	Psgr Miles Millions
January	57,693,879	8.69	37,584,185	8.75	41,254,764	8,788,398	7,313,056	337,661	46,078,293	1,342
February	53,477,890	8.06	34,344,242	7.99	38,973,730	7,504,915	6,672,629	326,616	44,134,730	1,252
March	57,780,479	8.71	37,881,478	8.82	41,754,009	8,373,951	7,274,131	378,388	49,433,557	1,409
April	54,387,524	8.20	36,151,741	8.42	39,042,268	8,212,522	6,785,378	347,356	48,675,023	1,438
May	54,080,126	8.15	35,269,382	8.21	38,307,733	8,826,174	6,634,879	311,340	47,873,414	1,444
June	54,075,139	8.15	36,063,867	8.39	38,294,229	8,826,305	6,652,360	302,245	50,139,987	1,548
July	55,352,316	8.34	37,303,529	8.68	39,284,142	9,050,138	6,740,504	277,532	50,708,115	1,617
August	56,970,972	8.59	35,891,567	8.35	40,705,620	9,207,668	6,786,383	271,301	49,524,998	1,568
September	54,152,577	8.16	35,465,329	8.26	38,994,578	8,256,544	6,635,933	265,522	48,732,004	1,430
October	57,821,000	8.71	37,123,930	8.64	41,551,240	9,000,885	6,962,974	305,901	50,344,474	1,484
November	54,288,056	8.18	33,212,669	7.73	39,187,720	8,335,109	6,464,187	301,040	47,700,438	1,440
December	53,518,997	8.06	33,305,231	7.75	38,222,942	8,537,346	6,489,258	269,451	48,261,642	1,515
Total	663,598,955	100.0	429,597,150	100.0	475,572,975	102,919,955	81,411,672	3,694,353	581,606,675	17,488

TABLE 2-11 SUMMARY OF ACCIDENTS/INCIDENTS BY STATE, 2009

States	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal	Cnt	Deaths	Nonfatal
Alabama	205	12	104	52	-	-	70	4	26	83	8	78
Alaska	117	3	104	7	-	-	4	1	-	106	2	104
Arizona	126	14	83	17	-	-	20	3	5	89	11	78
Arkansas	178	9	109	43	-	-	44	9	16	91	0	93
California	709	86	493	100	-	6	114	29	33	495	57	454
Colorado	169	3	119	34	-	-	22	1	8	113	2	111
Connecticut	124	4	103	17	-	-	4	1	-	103	3	103
Delaware	44	2	36	4	-	-	4	-	2	36	2	34
Dist Of Columbia	83	1	76	7	-	-	-	-	-	76	1	76
Florida	215	29	158	14	-	1	50	10	23	151	19	134
Georgia	292	16	155	66	-	6	106	6	36	120	10	113
Idaho	60	4	38	16	-	-	10	-	7	34	4	31
Illinois	1,016	41	803	176	1	18	103	17	46	737	23	739
Indiana	278	27	168	42	-	3	98	14	38	138	13	127
Iowa	187	10	102	50	2	1	52	4	19	85	4	82
Kansas	203	8	111	59	-	-	46	2	15	98	6	96
Kentucky	153	6	85	29	-	-	58	1	22	66	5	63
Louisiana	223	21	130	46	-	1	84	11	35	93	10	94
Maine	19	1	12	6	-	-	4	-	4	9	1	8
Maryland	121	5	86	28	-	-	13	-	9	80	5	77
Massachusetts	247	11	237	16	-	2	4	-	1	227	11	234
Michigan	165	20	110	16	-	-	49	12	14	100	8	96
Minnesota	200	16	121	43	-	-	40	6	14	117	10	107
Mississippi	110	14	81	22	-	10	42	8	24	46	6	47
Missouri	235	20	161	51	-	8	39	8	17	145	12	136
Montana	144	4	124	13	-	2	15	1	3	116	3	119
Nebraska	243	11	151	72	-	3	41	8	18	130	3	130
Nevada	27	-	19	5	-	-	4	-	1	18	0	18
New Hampshire	6	-	3	1	-	-	2	-	-	3	0	3
New Jersey	458	25	359	63	1	2	41	4	16	354	20	341
New Mexico	85	15	51	15	-	-	13	3	5	57	12	46
New York	1,065	29	964	66	-	5	31	9	3	968	20	956
North Carolina	166	23	107	25	-	-	55	8	31	86	15	76
North Dakota	87	3	59	19	-	1	15	3	5	53	0	53
Ohio	269	32	134	76	-	2	63	9	21	130	23	111
Oklahoma	137	11	64	41	-	-	48	4	23	48	7	41
Oregon	102	5	66	25	-	1	9	1	1	68	4	64
Pennsylvania	747	33	638	79	-	29	46	1	17	622	32	592
Rhode Island	12	3	6	3	-	-	-	-	-	9	3	6
South Carolina	100	12	53	17	-	1	41	6	16	42	6	36
South Dakota	40	4	25	9	-	-	17	3	11	14	1	14
Tennessee	198	6	105	53	-	1	56	2	17	89	4	87
Texas	764	56	471	195	-	5	177	23	77	392	33	389
Utah	73	3	44	15	-	-	13	2	-	45	1	44
Vermont	27	2	18	2	-	-	9	2	2	16	0	16
Virginia	178	11	113	32	-	-	35	3	9	111	8	104
Washington	246	17	174	37	-	3	32	2	5	177	15	166
West Virginia	121	9	88	17	-	3	23	3	8	81	6	77
Wisconsin	149	4	100	19	-	1	46	2	17	84	2	82
Wyoming	92	3	62	28	-	2	4	-	-	60	3	60
Total	11,015	704	7,783	1,888	4	117	1,916	246	720	7,211	454	6,946

TABLE 3-1 CASUALTIES BY TYPE PERSON AND PRIMARY EVENT, 2009

Type Person	Total Incidents 1/		Total Casualties		Train Accs w/o HRC		HRC Incs		Other Events	
	Fatal	Nonfatal	Kld	Nonfatal	Kld	Nonfatal	Kld	Nonfatal	Kld	Nonfatal
A - Worker on duty(rr employee)	15	4,252	16	4,406	2	64	.	69	14	4,273
B - Employee not on duty	.	144	.	153	.	1	.	.	.	152
C - Passenger on train	3	1,003	3	1,112	.	31	.	51	3	1,030
D - Nontrespasser	92	1,030	113	1,140	1	15	106	344	6	781
E - Trespasser	542	509	567	591	1	2	139	245	427	344
F - Worker on duty(contractor)	1	146	1	148	.	1	.	2	1	145
G - Contractor(other)	3	202	3	205	.	.	.	1	3	204
H - Worker on duty(volunteer)	.	4	.	5	.	.	.	.	.	5
I - Volunteer(other)	.	1	.	1	.	.	.	.	.	1
J - Nontrespasser, off rr property	1	10	1	22	.	3	1	8	.	11
Total..	657	7,301	704	7,783	4	117	246	720	454	6,946

1/ The count of incidents that resulted in a death or nonfatal condition
W/O = without, HRC = highway-rail crossing, Incs = incidents

TABLE 3-2 FATALITIES BY TYPE PERSON AND RAILROAD, 2009

			Type Person Codes						
	Total	%	A	C	D	E	F	G	J
Alaska RR Corp.	3	0.4	-	-	-	3	-	-	-
Amtrak	139	19.7	-	3	11	125	-	-	-
Burlington Northern Santa Fe	123	17.5	6	-	21	95	1	-	-
Canadian National	13	1.8	-	-	6	6	-	1	-
Canadian Pacific	9	1.3	2	-	1	6	-	-	-
Conrail Shared Assets	1	0.1	-	-	-	1	-	-	-
CSX Transportation	100	14.2	2	-	9	89	-	-	-
Florida East Coast	11	1.6	-	-	-	11	-	-	-
Guilford Rail System	3	0.4	-	-	-	3	-	-	-
Kansas City Southern	15	2.1	-	-	11	4	-	-	-
Long Island Rail Road	6	0.9	-	-	-	6	-	-	-
MD Assn. of Rail Comm	1	0.1	-	-	-	1	-	-	-
Mass Bay Transit Auth.	4	0.6	-	-	-	4	-	-	-
Metro North Commuter	5	0.7	1	-	-	4	-	-	-
Montana Rail Link	2	0.3	-	-	-	2	-	-	-
Northern IN Comm Trans	2	0.3	-	-	-	2	-	-	-
Northeast IL Reg Comm	10	1.4	-	-	-	10	-	-	-
New Jersey Transit Rail	21	3.0	-	-	-	20	-	1	-
Norfolk Southern Corp.	83	11.8	-	-	12	70	-	1	-
Peninsula Comm San Mateo Cnty	17	2.4	-	-	-	17	-	-	-
Southern CA Reg Rail Auth.	3	0.4	-	-	-	3	-	-	-
Southeastern PA Trans.	4	0.6	1	-	-	3	-	-	-
Union Pacific	103	14.6	3	-	37	63	-	-	-
Wheeling & Lake Erie	1	0.1	-	-	-	1	-	-	-
Other Railroads	25	3.6	1	-	5	18	-	-	1
Total	704	100	16	3	113	567	1	3	1

A - Worker on duty(rr employee), B - Employee not on duty, C - Passenger on train, D - Nontrespasser
 E - Trespasser, F - Worker on duty(contractor), G - Contractor(other), H - Worker on duty(volunteer), I - Volunteer
 J - Nontrespasser, off rr property

TABLE 3-3 FATALITIES BY TYPE PERSON KILLED AND STATE, 2009

States			Type Person Codes						
	Total	%	A	C	D	E	F	G	J
Alabama	12	1.7	1	-	1	10	-	-	-
Alaska	3	0.4	-	-	-	3	-	-	-
Arizona	14	2.0	2	-	2	10	-	-	-
Arkansas	9	1.3	-	-	8	1	-	-	-
California	86	12.2	-	-	2	84	-	-	-
Colorado	3	0.4	-	-	1	2	-	-	-
Connecticut	4	0.6	-	-	1	3	-	-	-
Delaware	2	0.3	-	-	-	2	-	-	-
Dist Of Columbia	1	0.1	-	-	-	1	-	-	-
Florida	29	4.1	-	-	1	28	-	-	-
Georgia	16	2.3	-	-	4	12	-	-	-
Idaho	4	0.6	-	-	2	2	-	-	-
Illinois	41	5.8	-	-	11	29	-	1	-
Indiana	27	3.8	-	-	6	21	-	-	-
Iowa	10	1.4	3	-	2	5	-	-	-
Kansas	8	1.1	1	1	-	6	-	-	-
Kentucky	6	0.9	-	-	1	5	-	-	-
Louisiana	21	3.0	-	-	11	10	-	-	-
Maine	1	0.1	-	-	-	1	-	-	-
Maryland	5	0.7	-	-	-	5	-	-	-
Massachusetts	11	1.6	-	-	-	11	-	-	-
Michigan	20	2.8	-	-	5	15	-	-	-
Minnesota	16	2.3	1	-	6	9	-	-	-
Mississippi	14	2.0	-	-	5	9	-	-	-
Missouri	20	2.8	-	-	8	12	-	-	-
Montana	4	0.6	-	-	-	4	-	-	-
Nebraska	11	1.6	-	-	6	5	-	-	-
New Jersey	25	3.6	-	-	-	24	-	1	-
New Mexico	15	2.1	2	-	1	12	-	-	-
New York	29	4.1	2	-	-	27	-	-	-
North Carolina	23	3.3	-	-	-	23	-	-	-
North Dakota	3	0.4	-	-	3	-	-	-	-
Ohio	32	4.5	-	-	3	29	-	-	-
Oklahoma	11	1.6	-	-	4	7	-	-	-
Oregon	5	0.7	-	-	-	5	-	-	-
Pennsylvania	33	4.7	2	-	-	31	-	-	-
Rhode Island	3	0.4	-	-	-	3	-	-	-
South Carolina	12	1.7	-	-	1	11	-	-	-
South Dakota	4	0.6	-	-	3	1	-	-	-
Tennessee	6	0.9	-	-	-	5	-	-	1
Texas	56	8.0	1	-	11	44	-	-	-
Utah	3	0.4	-	-	1	2	-	-	-
Vermont	2	0.3	-	-	2	-	-	-	-
Virginia	11	1.6	-	1	-	10	-	-	-
Washington	17	2.4	-	1	-	16	-	-	-
West Virginia	9	1.3	-	-	-	8	-	1	-
Wisconsin	4	0.6	-	-	1	3	-	-	-
Wyoming	3	0.4	1	-	-	1	1	-	-
Total	704	100.0	16	3	113	567	1	3	1

A - Worker on duty(rr employee), B - Employee not on duty, C - Passenger on train, D - Nontrespasser
 E - Trespasser, F - Worker on duty(contractor), G - Contractor(other), H - Worker on duty(volunteer), I - Volunteer
 J - Nontrespasser, off rr property

TABLE 3-4 NONFATAL CONDITIONS BY TYPE PERSON AND RAILROAD, 2009

			Type Person Codes									
	Total	%	A	B	C	D	E	F	G	H	I	J
Alton & Southern	6	0.1	6	-	-	-	-	-	-	-	-	-
Alaska RR Corp.	81	1.0	81	-	-	-	-	-	-	-	-	-
Amtrak	1,363	17.5	434	41	605	213	62	4	4	-	-	-
Burlington Northern Santa Fe	990	12.7	753	21	-	62	88	10	56	-	-	-
Belt Rwy Of Chicago	15	0.2	14	-	-	-	1	-	-	-	-	-
Canadian National	200	2.6	143	2	-	40	9	2	3	-	-	1
Canadian Pacific	150	1.9	117	4	-	8	17	3	1	-	-	-
Conrail Shared Assets	30	0.4	15	2	-	9	1	3	-	-	-	-
CSX Transportation	508	6.5	323	12	-	64	98	6	4	-	-	1
Florida East Coast	15	0.2	9	-	-	-	6	-	-	-	-	-
Guilford Rail System	11	0.1	10	-	-	-	1	-	-	-	-	-
Other Railroads	636	8.2	477	5	38	45	34	20	10	5	1	1
Indiana Harbor Belt	7	0.1	7	-	-	-	-	-	-	-	-	-
Kansas City Southern	87	1.1	51	-	-	16	8	12	-	-	-	-
Long Island Rail Road	512	6.6	188	5	108	186	9	-	16	-	-	-
MD Assn. of Rail Comm	34	0.4	1	-	16	8	2	-	-	-	-	7
Mass Bay Transit Auth.	171	2.2	83	2	74	9	3	-	-	-	-	-
Metro North Commuter	274	3.5	171	8	22	33	3	-	37	-	-	-
Montana Rail Link	35	0.4	31	1	-	1	1	-	1	-	-	-
Northern IN Comm Trans	16	0.2	5	-	3	6	2	-	-	-	-	-
Northeast IL Reg Comm	273	3.5	81	1	118	58	13	-	1	-	-	1
New Jersey Transit Rail	210	2.7	131	5	37	26	3	-	8	-	-	-
Norfolk Southern Corp.	534	6.9	299	9	-	68	85	43	27	-	-	3
Paducah & Louisville	5	0.1	3	-	-	-	2	-	-	-	-	-
Port Auth Trans Hudson	122	1.6	90	-	12	13	-	7	-	-	-	-
Peninsula Comm San Mateo Cnty	26	0.3	12	-	8	2	3	-	1	-	-	-
Port Terminal RR Assn	6	0.1	6	-	-	-	-	-	-	-	-	-
Southern CA Reg Rail Auth.	29	0.4	6	1	2	2	1	12	5	-	-	-
Southeastern PA Trans.	404	5.2	205	2	69	118	9	1	-	-	-	-
Term RR Assn Of St. Louis	7	0.1	7	-	-	-	-	-	-	-	-	-
Union Pacific	1,012	13.0	635	32	-	152	129	25	31	-	-	8
Union RR (Pittsburgh)	7	0.1	7	-	-	-	-	-	-	-	-	-
Wheeling & Lake Erie	7	0.1	5	-	-	1	1	-	-	-	-	-
Total	7,783	100	4,406	153	1,112	1,140	591	148	205	5	1	22

A - Worker on duty(rr employee), B - Employee not on duty, C - Passenger on train, D - Nontrespasser
 E - Trespasser, F - Worker on duty(contractor), G - Contractor(other), H - Worker on duty(volunteer), I - Volunteer
 J - Nontrespasser, off rr property

TABLE 3-5 NONFATAL CONDITIONS BY TYPE PERSON AND STATE, 2009

			Type Person codes									
	Total	%	A	B	C	D	E	F	G	H	I	J
Alabama	104	1.3	61	2	3	21	11	4	2	-	-	-
Alaska	104	1.3	98	-	6	-	-	-	-	-	-	-
Arizona	83	1.1	51	1	10	3	16	-	2	-	-	-
Arkansas	109	1.4	74	2	1	14	14	2	2	-	-	-
California	493	6.3	222	11	112	40	68	18	19	-	-	3
Colorado	119	1.5	83	1	17	7	6	1	3	-	-	1
Connecticut	103	1.3	65	5	18	8	4	-	3	-	-	-
Delaware	36	0.5	25	3	-	8	-	-	-	-	-	-
Dist Of Columbia	76	1.0	37	1	17	19	2	-	-	-	-	-
Florida	158	2.0	65	3	46	19	17	6	2	-	-	-
Georgia	155	2.0	93	-	10	21	27	2	2	-	-	-
Idaho	38	0.5	27	1	-	6	4	-	-	-	-	-
Illinois	803	10.3	366	13	192	153	37	20	20	-	-	2
Indiana	168	2.2	97	2	6	23	30	4	5	1	-	-
Iowa	102	1.3	61	3	6	16	11	2	2	-	1	-
Kansas	111	1.4	81	4	1	10	13	1	1	-	-	-
Kentucky	85	1.1	53	1	-	15	13	1	-	2	-	-
Louisiana	130	1.7	72	-	15	28	9	2	2	-	-	2
Maine	12	0.2	7	-	1	-	4	-	-	-	-	-
Maryland	86	1.1	41	1	22	8	5	1	1	-	-	7
Massachusetts	237	3.0	138	2	81	10	4	1	1	-	-	-
Michigan	110	1.4	72	4	14	10	9	-	1	-	-	-
Minnesota	121	1.6	94	1	1	9	11	4	1	-	-	-
Mississippi	81	1.0	37	-	22	7	14	1	-	-	-	-
Missouri	161	2.1	97	6	15	19	11	5	8	-	-	-
Montana	124	1.6	97	3	10	6	2	-	6	-	-	-
Nebraska	151	1.9	113	9	1	15	9	1	3	-	-	-
Nevada	19	0.2	10	1	4	2	2	-	-	-	-	-
New Hampshire	3	0.0	3	-	-	-	-	-	-	-	-	-
New Jersey	359	4.6	218	6	55	51	10	9	10	-	-	-
New Mexico	51	0.7	28	1	10	2	6	2	2	-	-	-
New York	964	12.4	463	20	161	242	24	3	50	1	-	-
North Carolina	107	1.4	38	-	30	5	28	5	-	-	-	1
North Dakota	59	0.8	45	3	4	7	-	-	-	-	-	-
Ohio	134	1.7	89	1	1	13	20	4	5	1	-	-
Oklahoma	64	0.8	36	1	1	12	12	-	2	-	-	-
Oregon	66	0.8	40	2	5	7	5	5	2	-	-	-
Pennsylvania	638	8.2	334	11	99	152	24	9	9	-	-	-
Rhode Island	6	0.1	3	-	2	1	-	-	-	-	-	-
South Carolina	53	0.7	22	1	9	12	8	1	-	-	-	-
South Dakota	25	0.3	11	-	-	7	6	-	1	-	-	-
Tennessee	105	1.3	67	-	1	11	12	2	10	-	-	2
Texas	471	6.1	283	15	22	62	55	20	13	-	-	1
Utah	44	0.6	25	-	9	3	1	3	3	-	-	-
Vermont	18	0.2	15	-	1	2	-	-	-	-	-	-
Virginia	113	1.5	49	2	34	13	11	4	-	-	-	-
Washington	174	2.2	119	4	26	11	7	2	5	-	-	-
West Virginia	88	1.1	60	1	7	8	4	2	4	-	-	2
Wisconsin	100	1.3	64	4	4	22	4	-	2	-	-	-
Wyoming	62	0.8	57	1	-	-	1	1	1	-	-	1
Total	7,783	100.0	4,406	153	1,112	1,140	591	148	205	5	1	22

A - Worker on duty(rr employee), B - Employee not on duty, C - Passenger on train, D - Nontrespasser
 E - Trespasser, F - Worker on duty(contractor), G - Contractor(other), H - Worker on duty(volunteer), I - Volunteer
 J - Nontrespasser, off rr property

TABLE 3-6 REPORTABLE CONDITIONS, ALL TYPE PERSONS, 2009

Condition	Cnt	%	Type of Person *										
			A	B	C	D	E	F	G	H	I	J	
Bruise/contusion	1,519	17.9	586	29	381	316	141	28	27	2	-	-	9
Occ. Illness	222	2.6	217	1	-	-	-	1	3	-	-	-	-
Crushing injury	93	1.1	52	-	4	4	22	4	7	-	-	-	-
Sprain/Str., other	81	1.0	47	3	4	21	6	-	-	-	-	-	-
Sprain/Str.,arm/hand	254	3.0	213	2	17	15	-	2	4	1	-	-	-
Sprain/Str.,leg/foot	834	9.8	606	21	100	73	3	11	19	-	-	-	1
Sprain/Str.,head/face	171	2.0	115	6	12	31	3	2	1	-	-	-	1
Sprain/Str.,torso	1,317	15.5	1,013	32	110	95	21	19	24	-	-	-	3
Cut/abrasion	1,204	14.2	488	10	220	256	145	42	43	-	-	-	-
Puncture wound	64	0.8	54	1	2	-	-	3	4	-	-	-	-
Needle stick	6	0.1	5	1	-	-	-	-	-	-	-	-	-
Electric shock/burn	28	0.3	24	-	1	-	-	1	2	-	-	-	-
Other burn	66	0.8	35	1	13	9	-	5	3	-	-	-	-
Dislocation	44	0.5	34	2	3	4	1	-	-	-	-	-	-
Fracture,other	3	0.0	1	-	-	1	1	-	-	-	-	-	-
Fracture,arm/hand	266	3.1	167	2	23	37	12	9	15	1	-	-	-
Fracture,leg/foot	300	3.5	120	10	60	60	28	7	14	1	-	-	-
Fracture,head/face	61	0.7	18	1	6	21	12	2	1	-	-	-	-
Fracture,torso	135	1.6	54	2	29	30	13	-	5	-	-	-	2
Fracture,multiple	29	0.3	5	-	-	7	16	1	-	-	-	-	-
Rupture/tear, tendon, e	110	1.3	88	4	7	8	-	1	2	-	-	-	-
Gunshot/knife wound	3	0.0	2	-	-	-	-	-	1	-	-	-	-
Animal/snake/insect bit	107	1.3	74	14	12	2	-	-	5	-	-	-	-
Dental related	58	0.7	30	3	13	9	-	-	3	-	-	-	-
Amputation,other	2	0.0	-	-	-	-	2	-	-	-	-	-	-
Amputation,arm/hand	26	0.3	14	-	-	-	7	2	3	-	-	-	-
Amputation,leg/foot	49	0.6	7	-	-	1	41	-	-	-	-	-	-
Fatality	704	8.3	16	-	3	113	567	1	3	-	-	-	1
Object in eye	119	1.4	98	2	13	-	1	1	4	-	-	-	-
Hernia	27	0.3	27	-	-	-	-	-	-	-	-	-	-
Concussion	81	1.0	30	-	13	24	11	2	1	-	-	-	-
Nervous shock	4	0.0	1	-	-	3	-	-	-	-	-	-	-
Internal injury	58	0.7	9	-	22	18	8	1	-	-	-	-	-
Skin reaction	20	0.2	16	-	1	-	-	1	1	-	-	-	1
One-time exp. to noise	7	0.1	7	-	-	-	-	-	-	-	-	-	-
Unspecified injury	313	3.7	67	3	41	92	96	2	10	-	1	1	1
One-time exp.-fumes	102	1.2	82	3	5	3	1	1	3	-	-	-	4
Total	8,487	100.0	4,422	153	1,115	1,253	1,158	149	208	5	1	23	

A - Worker on duty(rr employee), B - Employee not on duty, C - Passenger on train, D - Nontrespasser
 E - Trespasser, F - Worker on duty(contractor), G - Contractor(other), H - Worker on duty(volunteer), I - Volunteer
 J - Nontrespasser, off rr property

**TABLE 3-7 TOTAL CASUALTIES BY AGE OF INDIVIDUAL, 2009
AND TYPE OF PERSON**

Age	Total		Type of Person *										
	Cnt	%	A	B	C	D	E	F	G	H	I	J	
Kld	Unk	73	0.9	-	-	-	4	69	-	-	-	-	-
	1-5	5	0.1	-	-	-	2	3	-	-	-	-	-
	6-10	6	0.1	-	-	-	1	5	-	-	-	-	-
	11-15	16	0.2	-	-	-	2	14	-	-	-	-	-
	16-20	56	0.7	-	-	-	14	42	-	-	-	-	-
	21-25	60	0.7	-	-	-	5	55	-	-	-	-	-
	26-30	53	0.6	3	-	1	6	42	-	1	-	-	-
	31-35	56	0.7	3	-	-	11	41	-	1	-	-	-
	36-40	56	0.7	-	-	-	5	51	-	-	-	-	-
	41-45	77	0.9	3	-	-	16	56	1	1	-	-	-
	46-50	65	0.8	1	-	-	9	55	-	-	-	-	-
	51-55	51	0.6	3	-	-	5	43	-	-	-	-	-
	56-60	37	0.4	2	-	1	7	27	-	-	-	-	-
	> 60	93	1.1	1	-	1	26	64	-	-	-	-	1
Total	704	8.3	16	-	3	113	567	1	3	-	-	1	
Nonfatal	Unk	556	6.6	-	-	242	210	68	4	20	-	-	12
	1-5	52	0.6	-	-	22	18	12	-	-	-	-	-
	6-10	34	0.4	-	-	8	13	13	-	-	-	-	-
	11-15	39	0.5	-	-	11	9	18	-	-	1	-	-
	16-20	167	2.0	19	2	16	48	63	8	7	-	1	3
	21-25	384	4.5	189	4	22	61	73	21	14	-	-	-
	26-30	616	7.3	397	16	28	66	59	27	22	1	-	-
	31-35	726	8.6	530	14	35	62	45	16	24	-	-	-
	36-40	914	10.8	652	15	75	69	52	21	29	-	-	1
	41-45	779	9.2	529	12	59	86	47	15	31	-	-	-
	46-50	828	9.8	552	21	85	89	39	17	22	1	-	2
	51-55	961	11.3	686	27	101	84	35	8	20	-	-	-
	56-60	911	10.7	671	28	80	87	27	6	10	1	-	1
	> 60	816	9.6	181	14	328	238	40	5	6	1	-	3
Total	7,783	91.7	4,406	153	1,112	1,140	591	148	205	5	1	22	
Total	8,487	100.0	4,422	153	1,115	1,253	1,158	149	208	5	1	23	

A - Worker on duty(rr employee), B - Employee not on duty, C - Passenger on train, D - Nontrespasser
 E - Trespasser, F - Worker on duty(contractor), G - Contractor(other), H - Worker on duty(volunteer), I - Volunteer
 J - Nontrespasser, off rr property

TABLE 3-8 TOTAL CASUALTIES BY MONTH AND TYPE PERSON, 2009

Month	Total Cnt	Type of Person *										
		A	B	C	D	E	F	G	H	I	J	
Kid	January	40	4	-	-	8	28	-	-	-	-	-
	February	47	3	-	-	3	41	-	-	-	-	-
	March	57	-	-	-	16	41	-	-	-	-	-
	April	53	-	-	-	4	49	-	-	-	-	-
	May	60	2	-	1	5	50	-	1	-	-	1
	June	56	1	-	1	10	44	-	-	-	-	-
	July	85	2	-	-	17	66	-	-	-	-	-
	August	62	-	-	-	12	49	-	1	-	-	-
	September	74	1	-	-	8	64	1	-	-	-	-
	October	56	-	-	-	12	43	-	1	-	-	-
	November	52	2	-	-	5	45	-	-	-	-	-
	December	62	1	-	1	13	47	-	-	-	-	-
	Total	704	16	-	3	113	567	1	3	-	-	1
Nonfatal	January	694	386	29	88	119	44	15	13	-	-	-
	February	548	308	21	65	91	32	13	16	-	-	2
	March	652	358	7	100	98	58	10	14	-	-	7
	April	628	385	9	92	70	33	15	23	-	-	1
	May	630	338	4	97	105	52	10	22	-	-	2
	June	672	373	7	100	85	67	12	25	1	-	2
	July	749	421	10	125	100	59	15	16	-	-	3
	August	720	434	17	93	91	54	9	22	-	-	-
	September	666	397	11	102	77	54	10	13	-	1	1
	October	653	370	7	84	102	54	19	13	1	-	3
	November	522	304	8	64	84	40	6	13	2	-	1
	December	649	332	23	102	118	44	14	15	1	-	-
	Total	7,783	4,406	153	1,112	1,140	591	148	205	5	1	22
Total	8,487	4,422	153	1,115	1,253	1,158	149	208	5	1	23	

A - Worker on duty(rr employee), B - Employee not on duty, C - Passenger on train, D - Nontrespasser
 E - Trespasser, F - Worker on duty(contractor), G - Contractor(other), H - Worker on duty(volunteer), I - Volunteer
 J - Nontrespasser, off rr property

**TABLE 3-9 TOTAL CASUALTIES BY TIME OF DAY
AND TYPE OF PERSON, 2009**

Time	Total		Type of Person *										
	Cnt	%	A	B	C	D	E	F	G	H	I	J	
AM													
1	220	2.6	125	4	17	15	52	3	4	-	-	-	-
2	195	2.3	114	5	7	15	47	2	5	-	-	-	-
3	153	1.8	93	3	8	11	35	1	2	-	-	-	-
4	169	2.0	105	8	18	7	26	1	4	-	-	-	-
5	185	2.2	103	10	12	21	30	3	3	-	-	-	3
6	246	2.9	123	19	36	38	24	4	2	-	-	-	-
7	413	4.9	168	17	69	94	42	10	10	1	-	-	2
8	542	6.4	312	6	60	88	54	12	10	-	-	-	-
9	583	6.9	317	4	88	97	36	14	25	-	-	-	2
10	631	7.4	415	4	64	74	39	15	20	-	-	-	-
11	577	6.8	374	5	47	75	39	15	21	-	-	-	1
12	191	2.3	97	-	21	19	52	-	2	-	-	-	-
Total	4,105	48.4	2,346	85	447	554	476	80	108	1	-	-	8
PM													
1	478	5.6	286	5	43	66	41	13	21	-	-	1	2
2	471	5.5	265	9	69	70	40	10	8	-	-	-	-
3	427	5.0	206	7	64	74	54	5	14	2	-	-	1
4	408	4.8	188	7	66	59	68	7	5	-	-	-	8
5	443	5.2	190	2	88	82	70	4	7	-	-	-	-
6	366	4.3	139	6	75	70	67	2	7	-	-	-	-
7	307	3.6	132	4	52	55	49	4	10	1	-	-	-
8	268	3.2	109	3	42	53	58	2	-	-	-	-	1
9	244	2.9	99	5	33	38	62	1	6	-	-	-	-
10	237	2.8	102	8	21	27	73	2	4	-	-	-	-
11	216	2.5	103	3	18	29	52	6	4	-	-	-	1
12	517	6.1	257	9	97	76	48	13	14	1	-	-	2
Total	4,382	51.6	2,076	68	668	699	682	69	100	4	1	-	15
Total	8,487	100	4,422	153	1,115	1,253	1,158	149	208	5	1	-	23

A - Worker on duty(rr employee), B - Employee not on duty, C - Passenger on train, D - Nontrespasser
 E - Trespasser, F - Worker on duty(contractor), G - Contractor(other), H - Worker on duty(volunteer), I - Volunteer
 J - Nontrespasser, off rr property

TABLE 4-1 REPORTABLE CONDITIONS TO RR EMPLOYEES ON DUTY, 2009

Condition	Total		Days Absent			Absent Cases 1/		Term./ Trans. 2/	Days Restricted			Hazmat Exp. 3/
	Cnt	%	Cnt	%	Avg.	Cnt	%		Cnt	%	Avg.	
Bruise/contusion	586	13.3	26,469	12.2	45	428	14.4	3	3,345	10.8	6	-
Occ. Illness	217	4.9	3,592	1.7	17	55	1.8	-	463	1.5	2	1
Crushing injury	52	1.2	1,733	0.8	33	30	1.0	-	599	1.9	12	-
Sprain/Str.,arm/hand	213	4.8	11,108	5.1	52	158	5.3	-	2,228	7.2	10	1
Sprain/Str.,leg/foot	606	13.7	33,449	15.4	55	487	16.4	1	6,034	19.5	10	2
Sprain/Str.,head/face	115	2.6	6,555	3.0	57	77	2.6	-	579	1.9	5	-
Sprain/Str.,torso	1,013	22.9	72,738	33.5	72	824	27.7	1	7,576	24.5	7	-
Sprain/Str., other	47	1.1	3,215	1.5	68	40	1.3	-	52	0.2	1	-
Cut/abrasion	488	11.0	8,451	3.9	17	199	6.7	1	1,516	4.9	3	-
Puncture wound	54	1.2	543	0.3	10	17	0.6	-	130	0.4	2	-
Needle stick	5	0.1	4	0.0	1	1	0.0	-	0	0.0	0	-
Electric shock/burn	24	0.5	1,319	0.6	55	20	0.7	-	57	0.2	2	-
Other burn	35	0.8	346	0.2	10	15	0.5	-	57	0.2	2	1
Dislocation	34	0.8	3,220	1.5	95	26	0.9	-	342	1.1	10	-
Fracture,arm/hand	167	3.8	7,269	3.4	44	110	3.7	-	3,246	10.5	19	-
Fracture,leg/foot	120	2.7	11,643	5.4	97	109	3.7	-	1,343	4.3	11	-
Fracture,head/face	18	0.4	1,452	0.7	81	15	0.5	-	0	0.0	0	-
Fracture,torso	54	1.2	5,099	2.4	94	48	1.6	-	511	1.7	9	-
Fracture,multiple	5	0.1	900	0.4	180	5	0.2	-	0	0.0	0	1
Fracture,other	1	0.0	180	0.1	180	1	0.0	-	0	0.0	0	-
Rupture/tear, tendon, etc	88	2.0	6,974	3.2	79	71	2.4	-	1,095	3.5	12	-
Gunshot/knife wound	2	0.0	100	0.0	50	1	0.0	-	0	0.0	0	-
Animal/snake/insect bite	74	1.7	253	0.1	3	19	0.6	-	25	0.1	0	-
Dental related	30	0.7	234	0.1	8	7	0.2	1	0	0.0	0	-
Amputation,arm/hand	14	0.3	845	0.4	60	13	0.4	-	581	1.9	42	-
Amputation,leg/foot	7	0.2	1,017	0.5	145	7	0.2	-	0	0.0	0	-
Fatality	16	0.4	0	0.0	0	-	-	-	0	0.0	0	-
Object in eye	98	2.2	101	0.0	1	30	1.0	-	1	0.0	0	-
Hernia	27	0.6	1,175	0.5	44	20	0.7	-	243	0.8	9	-
Concussion	30	0.7	2,272	1.0	76	29	1.0	-	68	0.2	2	1
Nervous shock	1	0.0	0	0.0	0	-	-	-	0	0.0	0	-
Internal injury	9	0.2	157	0.1	17	6	0.2	-	14	0.0	2	-
Skin reaction	16	0.4	428	0.2	27	5	0.2	-	351	1.1	22	3
One-time exp. to noise	7	0.2	36	0.0	5	4	0.1	-	0	0.0	0	-
Unspecified injury	67	1.5	2,520	1.2	38	49	1.6	-	364	1.2	5	-
One-time exp.-fumes	82	1.9	1,541	0.7	19	48	1.6	-	117	0.4	1	24
Total	4,422	100	216,938	100	49	2,974	100	7	30,937	100	7	34

1/ The number of cases that resulted in employee being absent for work at least one day
 2/ Term = terminated, Trans = transferred
 3/ Condition was the result of a hazardous material exposure

TABLE 4-2 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY, BY RAILROAD, 2009

RR	Total		Deaths		Nonfatal		Days Absent			Absent Cases		Term./	Days Restricted			Hazmat
	Cnt	%	Cnt	%	Cnt	%	Cnt	%	Avg.	Cnt	%	Cnt	Cnt	%	Avg.	Cnt
ALS	6	0.1	-	0.0	6	0.1	281	0.1	47	4	0.1	-	0	0.0	0	-
ARR	81	1.8	-	0.0	81	1.8	414	0.2	5	24	0.8	-	9	0.0	0	-
ATK	434	9.8	-	0.0	434	9.9	19,290	8.9	44	219	7.4	-	2,305	7.5	5	-
BNSF	759	17.2	6	37.5	753	17.1	44,369	20.5	58	548	18.4	-	4,624	14.9	6	8
BRC	14	0.3	-	0.0	14	0.3	174	0.1	12	7	0.2	-	0	0.0	0	-
CN	143	3.2	-	0.0	143	3.2	9,955	4.6	70	117	3.9	1	83	0.3	1	9
CP	119	2.7	2	12.5	117	2.7	6,679	3.1	56	91	3.1	-	1,371	4.4	12	-
CRSH	15	0.3	-	0.0	15	0.3	931	0.4	62	10	0.3	-	0	0.0	0	2
CSX	325	7.3	2	12.5	323	7.3	27,633	12.7	85	269	9.0	-	193	0.6	1	-
FEC	9	0.2	-	0.0	9	0.2	789	0.4	88	8	0.3	-	276	0.9	31	-
GRS	10	0.2	-	0.0	10	0.2	185	0.1	19	7	0.2	-	0	0.0	0	-
IAIS	5	0.1	-	0.0	5	0.1	72	0.0	14	5	0.2	-	0	0.0	0	-
IHB	7	0.2	-	0.0	7	0.2	433	0.2	62	4	0.1	-	0	0.0	0	-
KCS	51	1.2	-	0.0	51	1.2	237	0.1	5	11	0.4	-	1,639	5.3	32	-
LI	188	4.3	-	0.0	188	4.3	4,663	2.1	25	157	5.3	1	4,123	13.3	22	-
MACZ	1	0.0	-	0.0	1	0.0	144	0.1	144	1	0.0	-	0	0.0	0	-
MBTA	83	1.9	-	0.0	83	1.9	1,872	0.9	23	60	2.0	-	32	0.1	0	-
MH	1	0.0	-	0.0	1	0.0	0	0.0	0	-	-	-	0	0.0	0	-
MNCW	172	3.9	1	6.3	171	3.9	7,236	3.3	42	114	3.8	-	1,416	4.6	8	-
MRL	31	0.7	-	0.0	31	0.7	1,088	0.5	35	18	0.6	-	194	0.6	6	1
NICD	5	0.1	-	0.0	5	0.1	237	0.1	47	5	0.2	-	56	0.2	11	-
NIRC	81	1.8	-	0.0	81	1.8	1,677	0.8	21	42	1.4	-	540	1.7	7	4
NJTR	131	3.0	-	0.0	131	3.0	6,682	3.1	51	112	3.8	-	154	0.5	1	-
NS	299	6.8	-	0.0	299	6.8	30,337	14.0	101	241	8.1	-	228	0.7	1	-
PAL	3	0.1	-	0.0	3	0.1	4	0.0	1	1	0.0	-	18	0.1	6	-
PATH	90	2.0	-	0.0	90	2.0	1,029	0.5	11	88	3.0	-	9	0.0	0	-
PCMZ	12	0.3	-	0.0	12	0.3	570	0.3	48	7	0.2	-	41	0.1	3	-
PTRA	6	0.1	-	0.0	6	0.1	51	0.0	9	4	0.1	-	0	0.0	0	1
SCAX	6	0.1	-	0.0	6	0.1	317	0.1	53	4	0.1	-	16	0.1	3	-
SEPA	206	4.7	1	6.3	205	4.7	8,033	3.7	39	162	5.4	1	44	0.1	0	2
TRRA	7	0.2	-	0.0	7	0.2	156	0.1	22	6	0.2	-	156	0.5	22	-
UP	638	14.4	3	18.8	635	14.4	34,988	16.1	55	392	13.2	-	8,449	27.3	13	6
URR	7	0.2	-	0.0	7	0.2	18	0.0	3	1	0.0	-	640	2.1	91	-
WE	5	0.1	-	0.0	5	0.1	0	0.0	0	-	-	-	0	0.0	0	-
XXXX	472	10.7	1	6.3	471	10.7	6,394	2.9	14	235	7.9	4	4,321	14.0	9	1
Tot.	4,422	100	16	100	4,406	100	216,938	100	49	2,974	100	7	30,937	100	7	34

XXXX = All other railroads

TABLE 4-3 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY, BY STATE, 2009

	Total		Deaths		Nonfatal		Days Absent			Absent Cases		Term./	Days Restricted			Hazmat
	Cnt	%	Cnt	%	Cnt	%	Cnt	%	Avg.	Cnt	%	Cnt	Cnt	%	Avg.	Cnt
AL	62	1.4	1	6.3	61	1.4	3,722	1.7	60	42	1.4	-	226	0.7	4	-
AK	98	2.2	-	0.0	98	2.2	481	0.2	5	39	1.3	-	9	0.0	0	-
AZ	53	1.2	2	12.5	51	1.2	1,945	0.9	37	40	1.3	-	366	1.2	7	1
AR	74	1.7	-	0.0	74	1.7	3,459	1.6	47	45	1.5	-	833	2.7	11	2
CA	222	5.0	-	0.0	222	5.0	12,667	5.8	57	151	5.1	-	1,980	6.4	9	2
CO	83	1.9	-	0.0	83	1.9	2,419	1.1	29	47	1.6	1	734	2.4	9	-
CT	65	1.5	-	0.0	65	1.5	3,174	1.5	49	41	1.4	-	370	1.2	6	-
DE	25	0.6	-	0.0	25	0.6	555	0.3	22	12	0.4	-	114	0.4	5	-
DC	37	0.8	-	0.0	37	0.8	1,299	0.6	35	14	0.5	-	11	0.0	0	-
FL	65	1.5	-	0.0	65	1.5	3,912	1.8	60	44	1.5	-	437	1.4	7	-
GA	93	2.1	-	0.0	93	2.1	8,735	4.0	94	73	2.5	-	152	0.5	2	-
ID	27	0.6	-	0.0	27	0.6	1,588	0.7	59	14	0.5	-	194	0.6	7	-
IL	366	8.3	-	0.0	366	8.3	17,886	8.2	49	247	8.3	-	2,237	7.2	6	10
IN	97	2.2	-	0.0	97	2.2	6,244	2.9	64	65	2.2	1	1,052	3.4	11	-
IA	64	1.4	3	18.8	61	1.4	1,754	0.8	27	38	1.3	-	720	2.3	11	-
KS	82	1.9	1	6.3	81	1.8	3,088	1.4	38	52	1.7	-	823	2.7	10	-
KY	53	1.2	-	0.0	53	1.2	4,421	2.0	83	43	1.4	-	36	0.1	1	-
LA	72	1.6	-	0.0	72	1.6	2,672	1.2	37	37	1.2	-	1,108	3.6	15	-
ME	7	0.2	-	0.0	7	0.2	313	0.1	45	3	0.1	-	80	0.3	11	-
MD	41	0.9	-	0.0	41	0.9	2,351	1.1	57	30	1.0	-	110	0.4	3	-
MA	138	3.1	-	0.0	138	3.1	5,259	2.4	38	92	3.1	-	165	0.5	1	-
MI	72	1.6	-	0.0	72	1.6	2,993	1.4	42	46	1.5	-	162	0.5	2	2
MN	95	2.1	1	6.3	94	2.1	3,805	1.8	40	64	2.2	-	773	2.5	8	-
MS	37	0.8	-	0.0	37	0.8	3,275	1.5	89	25	0.8	-	96	0.3	3	2
MO	97	2.2	-	0.0	97	2.2	3,885	1.8	40	52	1.7	-	1,145	3.7	12	-
MT	97	2.2	-	0.0	97	2.2	5,079	2.3	52	64	2.2	-	616	2.0	6	1
NE	113	2.6	-	0.0	113	2.6	5,480	2.5	48	73	2.5	1	774	2.5	7	-
NV	10	0.2	-	0.0	10	0.2	388	0.2	39	6	0.2	-	95	0.3	10	-
NH	3	0.1	-	0.0	3	0.1	90	0.0	30	1	0.0	-	7	0.0	2	-
NJ	218	4.9	-	0.0	218	4.9	7,733	3.6	35	185	6.2	-	306	1.0	1	-
NM	30	0.7	2	12.5	28	0.6	1,343	0.6	45	20	0.7	-	199	0.6	7	-
NY	465	10.5	2	12.5	463	10.5	16,441	7.6	35	351	11.8	1	6,500	21.0	14	-
NC	38	0.9	-	0.0	38	0.9	2,286	1.1	60	29	1.0	-	68	0.2	2	-
ND	45	1.0	-	0.0	45	1.0	1,933	0.9	43	25	0.8	-	70	0.2	2	-
OH	89	2.0	-	0.0	89	2.0	7,612	3.5	86	61	2.1	-	214	0.7	2	-
OK	36	0.8	-	0.0	36	0.8	2,230	1.0	62	25	0.8	-	641	2.1	18	-
OR	40	0.9	-	0.0	40	0.9	2,762	1.3	69	26	0.9	-	517	1.7	13	-
PA	336	7.6	2	12.5	334	7.6	15,432	7.1	46	233	7.8	1	927	3.0	3	2
RI	3	0.1	-	0.0	3	0.1	4	0.0	1	1	0.0	-	72	0.2	24	-
SC	22	0.5	-	0.0	22	0.5	1,412	0.7	64	17	0.6	-	31	0.1	1	-
SD	11	0.2	-	0.0	11	0.2	954	0.4	87	10	0.3	-	10	0.0	1	-
TN	67	1.5	-	0.0	67	1.5	5,271	2.4	79	52	1.7	-	56	0.2	1	1
TX	284	6.4	1	6.3	283	6.4	17,133	7.9	60	187	6.3	-	2,998	9.7	11	9
UT	25	0.6	-	0.0	25	0.6	718	0.3	29	12	0.4	-	453	1.5	18	-
VT	15	0.3	-	0.0	15	0.3	107	0.0	7	2	0.1	-	448	1.4	30	-
VA	49	1.1	-	0.0	49	1.1	3,431	1.6	70	36	1.2	-	206	0.7	4	-
WA	119	2.7	-	0.0	119	2.7	5,794	2.7	49	84	2.8	-	743	2.4	6	-
WV	60	1.4	-	0.0	60	1.4	4,542	2.1	76	43	1.4	-	42	0.1	1	-
WI	64	1.4	-	0.0	64	1.5	3,843	1.8	60	45	1.5	2	779	2.5	12	1
WY	58	1.3	1	6.3	57	1.3	3,018	1.4	52	30	1.0	-	232	0.7	4	1
Tot.	4,422	100	16	100	4,406	100	216,938	100	49	2,974	100	7	30,937	100	7	34

TABLE 4-4 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY BY ACTIVITY, 2009

Activity	Total		Days Absent		Absent Cases		Term./ Trans.	Days Restricted		Hazmat Exp. Cnt
	Cnt	%	Cnt	%	Cnt	%		Cnt	%	
Adjusting coupler	11	0.2	513	0.2	8	0.3	-	210	0.7	1
Adjusting drawbar	10	0.2	1,014	0.5	10	0.3	-	46	0.1	-
Adjusting, other	52	1.2	1,790	0.8	32	1.1	-	370	1.2	-
Applying rail anchor/fastener	8	0.2	227	0.1	4	0.1	-	32	0.1	-
Bending, stooping	91	2.1	3,136	1.4	60	2.0	-	889	2.9	-
Carrying	48	1.1	2,295	1.1	37	1.2	-	228	0.7	-
Chaining, cabling car or locomotiv	3	0.1	249	0.1	3	0.1	-	0	0.0	-
Cleaning	47	1.1	1,372	0.6	21	0.7	-	44	0.1	1
Climbing over/on	59	1.3	3,005	1.4	46	1.5	-	921	3.0	-
Closing	71	1.6	2,733	1.3	48	1.6	-	232	0.7	-
Coupling electric cables	2	0.0	28	0.0	1	0.0	-	0	0.0	-
Coupling air hose	31	0.7	1,736	0.8	24	0.8	-	77	0.2	-
Crossing over	8	0.2	419	0.2	7	0.2	-	99	0.3	-
Crossing or crawling under	3	0.1	80	0.0	2	0.1	-	52	0.2	-
Crossing between	2	0.0	10	0.0	2	0.1	-	11	0.0	-
Cutting rail	11	0.2	337	0.2	7	0.2	-	46	0.1	-
Cutting vegetation	12	0.3	254	0.1	7	0.2	-	105	0.3	-
Cutting, other	46	1.0	353	0.2	20	0.7	-	87	0.3	-
Digging, excavating	15	0.3	476	0.2	9	0.3	-	50	0.2	-
Driving (motor vehicle, forklift,	114	2.6	5,569	2.6	69	2.3	-	527	1.7	1
Flagging	5	0.1	203	0.1	4	0.1	-	0	0.0	-
Fueling	5	0.1	108	0.0	3	0.1	-	70	0.2	-
Getting on	64	1.4	3,662	1.7	50	1.7	-	399	1.3	-
Getting off	126	2.8	6,685	3.1	92	3.1	-	1,876	6.1	-
Grinding	28	0.6	652	0.3	10	0.3	-	20	0.1	-
Handling baggage	12	0.3	775	0.4	9	0.3	-	201	0.6	-
Handling car parts	7	0.2	324	0.1	4	0.1	-	132	0.4	-
Handling material, general	32	0.7	1,030	0.5	14	0.5	1	137	0.4	-
Handling locomotive parts	14	0.3	689	0.3	9	0.3	-	190	0.6	-
Handling wheels/trucks	2	0.0	3	0.0	1	0.0	-	96	0.3	-
Handling, other	76	1.7	3,184	1.5	45	1.5	-	637	2.1	-
Handling other track material/supp	28	0.6	1,288	0.6	17	0.6	-	119	0.4	-
Handling poles	2	0.0	180	0.1	1	0.0	-	3	0.0	-
Handling tie plates	9	0.2	378	0.2	5	0.2	-	15	0.0	-
Handling ties	13	0.3	267	0.1	7	0.2	-	75	0.2	-
Handling rail	15	0.3	995	0.5	11	0.4	-	12	0.0	-
Inspecting	57	1.3	2,279	1.1	32	1.1	-	404	1.3	-
Installing	51	1.2	807	0.4	29	1.0	-	209	0.7	-
Jumping from	16	0.4	1,004	0.5	14	0.5	-	15	0.0	-
Jumping onto	1	0.0	0	0.0	-	-	-	0	0.0	-
Laying	3	0.1	83	0.0	3	0.1	-	0	0.0	-
Lifting other material	79	1.8	2,908	1.3	51	1.7	1	1,201	3.9	-
Lifting equipment (tools, parts, e	74	1.7	3,470	1.6	50	1.7	-	952	3.1	1
Lining switches	100	2.3	8,099	3.7	83	2.8	-	1,222	3.9	-
Lining, other	6	0.1	193	0.1	2	0.1	-	44	0.1	-
Loading/unloading	44	1.0	1,399	0.6	27	0.9	-	521	1.7	-
Maintaining	66	1.5	2,842	1.3	42	1.4	-	902	2.9	1
Opening	81	1.8	3,531	1.6	63	2.1	-	516	1.7	-
Opening/closing angle cock	9	0.2	151	0.1	4	0.1	1	53	0.2	-
Operating	130	2.9	7,850	3.6	96	3.2	1	130	0.4	3
Pulling pin lifter/operating uncou	31	0.7	1,802	0.8	22	0.7	-	277	0.9	1
Pulling	65	1.5	2,701	1.2	43	1.4	-	622	2.0	3

1/ The number of cases that resulted in employee being absent for work at least one day

2/ Term = terminated, Trans = transferred

3/ Condition was the result of a hazardous material exposure

TABLE 4-4 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY BY ACTIVITY, 2009

Activity	Total		Days Absent		Absent Cases		Term./ Trans.	Days Restricted		Hazmat Exp.
	Cnt	%	Cnt	%	Cnt	%		Cnt	%	
Pushing	32	0.7	1,551	0.7	22	0.7	-	306	1.0	-
Reaching	43	1.0	1,746	0.8	25	0.8	-	435	1.4	-
Removing rail anchors/fasteners	11	0.2	484	0.2	7	0.2	-	108	0.3	-
Repairing	84	1.9	2,678	1.2	45	1.5	-	786	2.5	-
Riding	223	5.0	15,024	6.9	157	5.3	1	1,155	3.7	1
Running	11	0.2	1,092	0.5	9	0.3	-	215	0.7	-
Sitting	184	4.2	12,123	5.6	140	4.7	-	348	1.1	2
Spiking (installation/removal)	53	1.2	1,563	0.7	31	1.0	-	391	1.3	-
Standing	284	6.4	8,699	4.0	141	4.7	-	888	2.9	7
Stepping up	32	0.7	1,813	0.8	25	0.8	-	302	1.0	-
Stepping down	111	2.5	6,183	2.9	87	2.9	2	1,194	3.9	-
Stepping over	18	0.4	852	0.4	10	0.3	-	367	1.2	-
Uncoupling air hose	10	0.2	344	0.2	6	0.2	-	46	0.1	-
Uncoupling electric cables	1	0.0	32	0.0	1	0.0	-	0	0.0	-
Using hand tool	124	2.8	4,744	2.2	66	2.2	-	595	1.9	1
Using, other	13	0.3	394	0.2	6	0.2	-	169	0.5	-
Walking	727	16.4	41,849	19.3	552	18.6	-	5,242	16.9	11
Welding (includes field welding)	18	0.4	488	0.2	6	0.2	-	5	0.0	-
Handbrakes, applying	83	1.9	5,728	2.6	68	2.3	-	578	1.9	-
Handbrakes, releasing	61	1.4	5,170	2.4	51	1.7	-	482	1.6	-
Handbrakes, other	3	0.1	235	0.1	2	0.1	-	51	0.2	-
Derail, applying	5	0.1	383	0.2	5	0.2	-	17	0.1	-
Derail, removing	4	0.1	210	0.1	4	0.1	-	0	0.0	-
Derail, other	3	0.1	362	0.2	3	0.1	-	0	0.0	-
Other (Narrative must be provided)	97	2.2	1,493	0.7	33	1.1	-	26	0.1	-
Replacing	20	0.5	853	0.4	16	0.5	-	310	1.0	-
Ascending	36	0.8	2,243	1.0	27	0.9	-	134	0.4	-
Descending	85	1.9	6,469	3.0	71	2.4	-	476	1.5	-
Exercising	4	0.1	360	0.2	2	0.1	-	0	0.0	-
Getting in	12	0.3	653	0.3	9	0.3	-	1	0.0	-
Getting out	28	0.6	1,210	0.6	21	0.7	-	309	1.0	-
Moving	23	0.5	831	0.4	11	0.4	-	380	1.2	-
Washing	2	0.0	34	0.0	2	0.1	-	0	0.0	-
Servicing	35	0.8	709	0.3	16	0.5	-	224	0.7	-
Sanding	8	0.2	308	0.1	6	0.2	-	91	0.3	-
Arresting/apprehending/subduing	13	0.3	672	0.3	10	0.3	-	132	0.4	-
Stepped on	24	0.5	2,217	1.0	20	0.7	-	98	0.3	-
Lying down	2	0.0	1	0.0	1	0.0	-	0	0.0	-
Total	4,422	100	216,938	100	2,974	100	7	30,937	100	34

1/ The number of cases that resulted in employee being absent for work at least one day

2/ Term = terminated, Trans = transferred

3/ Condition was the result of a hazardous material exposure

TABLE 4-5 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY BY EVENT, 2009

Event	Total		Days Absent		Absent Cases		Term./	Days		Hazmat
	Cnt	%	Cnt	%	Cnt	%	Trans.	Cnt	%	Exp.
Aggravated pre-existing condition	74	1.7	3,892	1.8	58	2.0	-	403	1.3	-
Apprehending/removing from property	9	0.2	311	0.1	7	0.2	-	132	0.4	-
Assaulted by other	27	0.6	756	0.3	21	0.7	-	248	0.8	-
Assaulted by coworker	6	0.1	48	0.0	1	0.0	-	0	0.0	-
Bitten/stung by bee, spider, other insect	77	1.7	247	0.1	18	0.6	-	9	0.0	-
Bitten by animal	5	0.1	9	0.0	2	0.1	-	16	0.1	-
Bodily function/sudden movement, e.g.,sneez	162	3.7	8,675	4.0	125	4.2	-	1,625	5.3	-
Caught in/compressed by hand tools	22	0.5	364	0.2	11	0.4	-	346	1.1	-
Caught in/compressed by other machinery	16	0.4	653	0.3	10	0.3	-	265	0.9	-
Caught in/crushed by materials	25	0.6	805	0.4	16	0.5	-	267	0.9	-
Caught in/compressed by powered hand tools	6	0.1	38	0.0	3	0.1	-	134	0.4	-
Cave in, slide, etc.	1	0.0	0	0.0	-	-	-	0	0.0	-
Climatic conditions, other (e.g., high wind	19	0.4	165	0.1	9	0.3	-	93	0.3	-
Climatic condition, exposure to environment	18	0.4	36	0.0	8	0.3	-	0	0.0	-
Collision - between on track equipment	71	1.6	6,259	2.9	52	1.7	1	80	0.3	-
Collision/impact - auto, truck, bus, van, e	150	3.4	8,614	4.0	107	3.6	-	713	2.3	-
Defective/malfunctioning equipment	69	1.6	6,277	2.9	55	1.8	-	594	1.9	-
Derailment	30	0.7	2,087	1.0	20	0.7	-	85	0.3	-
Electrical shock while operating welding e	1	0.0	0	0.0	-	-	-	0	0.0	-
Electrical shock due to contact with 3rd ra	2	0.0	7	0.0	2	0.1	-	14	0.0	-
Electrical shock, other (explain in narrati	15	0.3	971	0.4	12	0.4	-	37	0.1	-
Electrical shock from hand tool	1	0.0	13	0.0	1	0.0	-	0	0.0	-
Exposure to fumes - inhalation	86	1.9	1,233	0.6	50	1.7	-	498	1.6	22
Exposure to chemicals - external	19	0.4	444	0.2	6	0.2	-	1	0.0	6
Exposure to poisonous plants	4	0.1	18	0.0	3	0.1	-	0	0.0	-
Exposure to noise over time	134	3.0	0	0.0	-	-	-	0	0.0	-
Exposure to noise - single incident	5	0.1	36	0.0	4	0.1	-	0	0.0	-
Exposure to welding light	1	0.0	2	0.0	1	0.0	-	0	0.0	-
Highway-rail collision/impact	67	1.5	6,435	3.0	54	1.8	1	7	0.0	2
Horseplay, practical joke, etc.	7	0.2	455	0.2	5	0.2	-	6	0.0	-
Lost balance	126	2.8	8,592	4.0	101	3.4	-	766	2.5	-
Missed handhold, grabiron, step, etc.	37	0.8	2,371	1.1	30	1.0	-	587	1.9	-
Needle puncture/prick/stick	14	0.3	4	0.0	1	0.0	-	7	0.0	-
Other impacts - on track equipment	21	0.5	1,589	0.7	16	0.5	-	67	0.2	-
Overexertion	605	13.7	38,117	17.6	477	16.0	-	6,307	20.4	-
Pushed/shoved into/against	13	0.3	655	0.3	11	0.4	1	185	0.6	-
Pushed/shoved onto	2	0.0	4	0.0	1	0.0	-	0	0.0	-
Pushed/shoved from	13	0.3	798	0.4	9	0.3	-	445	1.4	-
Ran into on-track equipment	3	0.1	52	0.0	1	0.0	-	0	0.0	-
Ran into object/equipment	19	0.4	867	0.4	11	0.4	-	8	0.0	-
Repetitive motion - work processes	35	0.8	1,901	0.9	26	0.9	-	378	1.2	-
Repetitive motion - typing, keyboard, etc.	2	0.0	1	0.0	1	0.0	-	0	0.0	-
Repetitive motion - tools	12	0.3	418	0.2	8	0.3	-	42	0.1	-
Repetitive motion - other (describe in narr	11	0.2	1,055	0.5	9	0.3	-	21	0.1	-
Rubbed, abraded, etc.	14	0.3	8	0.0	3	0.1	-	29	0.1	-
Shot	1	0.0	100	0.0	1	0.0	-	0	0.0	-
Slack action, draft, compressive buff/coupl	21	0.5	1,789	0.8	20	0.7	-	152	0.5	-
Slipped,fell,stumbled,etc. due to irregular	126	2.8	7,119	3.3	106	3.6	-	1,365	4.4	-
Slipped, fell, stumbled, etc. due to climat	150	3.4	8,071	3.7	120	4.0	-	1,363	4.4	-
Slipped,fell,stumbled,etc. on oil, grease,e	49	1.1	3,668	1.7	38	1.3	-	367	1.2	1
Slipped,fell,stumbled,etc. due to object,ba	238	5.4	15,493	7.1	188	6.3	1	2,545	8.2	2
Stabbing, knifing, etc.	4	0.1	0	0.0	-	-	-	7	0.0	-

1/ The number of cases that resulted in employee being absent for work at least one day

2/ Term = terminated, Trans = transferred

3/ Condition was the result of a hazardous material exposure

TABLE 4-5 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY BY EVENT, 2009

Event	Total		Days Absent		Absent Cases		Term./ Trans.	Days Restricted		Hazmat Exp.
	Cnt	%	Cnt	%	Cnt	%		Cnt	%	
Stepped on object	70	1.6	4,131	1.9	45	1.5	-	727	2.3	-
Struck by thrown or propelled object	44	1.0	1,222	0.6	18	0.6	-	96	0.3	-
Struck by object	288	6.5	8,870	4.1	177	6.0	1	1,183	3.8	-
Struck by on-track equipment	29	0.7	1,949	0.9	17	0.6	-	177	0.6	-
Struck by falling object	74	1.7	2,961	1.4	50	1.7	-	469	1.5	-
Struck against object	130	2.9	4,029	1.9	79	2.7	-	380	1.2	-
Sudden release of air	6	0.1	50	0.0	2	0.1	-	0	0.0	-
Sudden/unexpected movement of material	28	0.6	1,616	0.7	20	0.7	1	251	0.8	-
Sudden/unexpected movement of on-track equ	49	1.1	2,954	1.4	38	1.3	-	269	0.9	-
Sudden/unexpected movement of vehicle	33	0.7	1,837	0.8	24	0.8	-	28	0.1	-
Sustained viewing	1	0.0	17	0.0	1	0.0	-	0	0.0	-
Caught, crushed, pinched, other	187	4.2	4,153	1.9	100	3.4	-	1,483	4.8	-
On track equipment, other incidents	17	0.4	1,250	0.6	13	0.4	-	182	0.6	-
Slipped, fell, stumbled, other	362	8.2	24,496	11.3	286	9.6	-	2,523	8.2	1
Sudden, unexpected movement, other	98	2.2	6,587	3.0	71	2.4	-	754	2.4	-
Bumped	19	0.4	930	0.4	14	0.5	-	10	0.0	-
Burned	27	0.6	543	0.3	14	0.5	-	49	0.2	-
Blowing/falling debris	59	1.3	75	0.0	18	0.6	-	7	0.0	-
Sudden/Unexpected Movement of tools	59	1.3	1,841	0.8	29	1.0	-	355	1.1	-
Struck by Other Remote Control Locomotive	1	0.0	7	0.0	1	0.0	-	0	0.0	-
Caught Between Machinery	3	0.1	235	0.1	3	0.1	-	292	0.9	-
Slack adjustment during switching operation	15	0.3	603	0.3	9	0.3	-	201	0.6	-
Caught Between Equipment	20	0.5	698	0.3	8	0.3	-	393	1.3	-
Caught Between Material	12	0.3	617	0.3	6	0.2	-	226	0.7	-
Other (describe in narrative)	146	3.3	3,745	1.7	92	3.1	1	668	2.2	-
Total	4,422	100	216,938	100	2,974	100	7	30,937	100	34

1/ The number of cases that resulted in employee being absent for work at least one day

2/ Term = terminated, Trans = transferred

3/ Condition was the result of a hazardous material exposure

TABLE 4-6 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY BY LOCATION, 2009

Location	Total		Days Absent		Absent Cases		Term./ Trans. Cnt	Days Restricted		Hazmat Exp. Cnt
	Cnt	%	Cnt	%	Cnt	%		Cnt	%	
Main/branch	1,310	29.6	70,363	32.4	922	31.0	1	8,275	26.7	5
Yard	1,276	28.9	72,830	33.6	958	32.2	3	9,512	30.7	25
Siding	130	2.9	6,874	3.2	90	3.0	-	988	3.2	1
Industry	186	4.2	10,967	5.1	130	4.4	-	2,130	6.9	-
Repair	99	2.2	2,555	1.2	49	1.6	1	1,112	3.6	-
Break/lunch room	24	0.5	1,475	0.7	16	0.5	-	76	0.2	-
Freight terminal	40	0.9	2,178	1.0	34	1.1	-	433	1.4	-
Highway/roadway	188	4.3	10,485	4.8	131	4.4	1	844	2.7	1
Loading dock	13	0.3	301	0.1	9	0.3	-	23	0.1	-
Office environment	93	2.1	2,637	1.2	49	1.6	-	58	0.2	1
Parking lot	71	1.6	2,936	1.4	48	1.6	-	386	1.2	-
Passenger terminal	307	6.9	10,792	5.0	153	5.1	-	1,851	6.0	-
Repair shop	430	9.7	15,078	7.0	246	8.3	1	3,629	11.7	1
Storage facility	34	0.8	1,481	0.7	22	0.7	-	680	2.2	-
Sidewalk/walkway	36	0.8	1,297	0.6	24	0.8	-	191	0.6	-
Other, (off site location	48	1.1	1,635	0.8	28	0.9	-	396	1.3	-
Other (explain in narrati	31	0.7	1,240	0.6	24	0.8	-	46	0.1	-
Other location (describe	106	2.4	1,814	0.8	41	1.4	-	307	1.0	-
Total	4,422	100	216,938	100	2,974	100	7	30,937	100	34

1/ The number of cases that resulted in employee being absent for work at least one day

2/ Term = terminated, Trans = transferred

3/ Condition was the result of a hazardous material exposure

TABLE 4-7 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY, 2009

Executives, Officials, and Staff Assistants

Job Titles	---Total---			---- Days ----	
	Killed	Injured	Illness	Absent From Work	Restricted At Work
Executives and general officers	-	2	-	1	0
Corporate staff managers	-	4	-	181	26
Regional/division officers, assistants and staff assistants	-	9	-	293	1
Transportation officers/managers	-	9	-	362	19
Total	-	24	-	837	46

Professional and Administrative

Job Titles	---Total---			---- Days ----	
	Killed	Injured	Illness	Absent From Work	Restricted At Work
Professional and administrative (miscellaneous)	-	5	-	3	10
Professional	-	7	2	5	7
Subprofessionals	-	10	-	354	2
General and administrative supervisors	-	7	1	189	0
Sales and traffic representatives and agents	-	1	-	0	0
Supervising and chief claim agents	-	2	-	0	0
Lieutenants and sergeants of police	-	11	-	766	0
Police officers, watchmen, guards (except crossing & bridge)	-	32	3	2,033	191
Inspectors, (except MOW & MOE), other investigators, etc	-	9	-	230	9
Clerical technicians and clerical specialists	-	8	3	264	158
Office machine and data equipment operators	-	4	-	80	0
Secretaries, stenographers, and typists	-	2	-	155	0
General/other clerks (except yd clerk and crew dispatcher)	-	53	1	1,617	342
Building and office attendants	-	20	-	659	140
Messengers and office persons	-	3	1	53	0
Motor vehicle operators	-	35	-	1,037	210
Total	-	209	11	7,445	1,069

Maintenance of Way and Structures

Job Titles	---Total---			---- Days ----	
	Killed	Injured	Illness	Absent From Work	Restricted At Work
Maintenance of way and structures (miscellaneous)	-	40	2	683	319
Supervisors, MOW, structures, communication & signls	-	19	2	640	203
MOW, structures, comm. & signals, & scale inspectors	1	30	2	1,311	100
Bridge and building gang foreman	-	19	-	865	54
Bridge and building carpenters	-	32	3	1,610	241
Bridge and building ironworkers	-	6	-	134	186
Bridge and building painters	-	3	-	192	0
Masons, bricklayers, plasterers, and plumbers	-	73	1	4,151	603
Bridge and building helpers and apprentices	-	16	2	375	64
Bridge/building gang and bridge/building dept laborers	-	45	1	2,466	212
Track gang foremen (extra gang work train laborers)	-	43	2	2,341	776
Gang or section foreman	3	76	10	3,871	417
Extra gang laborers	-	98	9	4,509	651
Section laborers	-	198	14	8,003	1,162
Machine operators	-	203	11	10,815	1,427
Gang foremen, communications and signals	-	20	3	680	576
Signalmen and signal maintainers	2	136	5	5,538	1,046
Linemen and groundmen and communications craftsman	-	53	3	1,460	345

TABLE 4-7 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY, 2009

Maintenance of Way and Structures

Job Titles	---Total---			---- Days ----	
	Killed	Injured	Illness	Absent From Work	Restricted At Work
Assistant signalmen and assistant signal maintainers	-	16	1	937	141
Signal helpers and signal maintainer helpers	-	3	-	209	0
Camp car cooks	-	6	-	508	0
Total	6	1,135	71	51,298	8,523

Maintenance of Equipment and Stores

Job Titles	---Total---			---- Days ----	
	Killed	Injured	Illness	Absent From Work	Restricted At Work
Maintenance of equipment and stores (miscellaneous)	-	17	-	155	93
Supervisors and general foremen, maintenance of equipment	-	16	-	52	18
Supervisors and general foremen, materials and stores	-	1	-	0	16
Equipment, shop, electrical inspectors	-	9	-	146	16
Materials and supplies inspectors	-	1	-	20	0
Storekeeper	-	6	-	181	49
Gang foremen, maintenance of equipment	-	15	2	749	16
Blacksmiths	-	4	-	131	19
Boilermakers	-	9	-	340	30
Carmen (freight)	-	127	5	6,961	1,989
Carmen (other)	-	113	13	3,300	988
Electrical workers (A)	-	115	6	4,705	1,348
Electrical workers (B)	-	9	1	188	0
Electrical workers (C)	-	2	-	184	0
Machinists	-	159	6	6,273	1,637
Sheet metal workers	-	23	3	1,211	217
Skilled trades, helpers, maintenance of equipment and stores	-	62	-	1,450	302
Apprentices, maintenance of equipment and stores	-	10	-	313	34
Coach cleaners	-	68	2	2,063	759
Laborers: shops, enginehouses and power plants	-	59	1	1,834	547
Gang foremen, materials and stores	-	4	-	235	0
Equipment operators/general laborers, materials and stores	-	22	3	725	141
Stationary engineers	-	1	-	180	0
Total	-	852	42	31,396	8,219

Transportation, Other Than Train and Engine

Job Titles	---Total---			---- Days ----	
	Killed	Injured	Illness	Absent From Work	Restricted At Work
Transportation, other than train and engine (miscellaneous)	-	2	-	14	0
Transportation supervisor and chief train dispatcher	-	3	-	8	51
Train dispatchers	-	8	1	256	0
Station, freight and passenger agents	-	8	-	221	39
Clerk operators, towerman, train directors	-	2	1	43	0
Station masters & assts, super bag. agents, bag. agents, etc	-	1	-	0	1
Baggage, parcel room and station attendents	-	10	-	735	67
Gen/asst gnrl foremen,stations,warehouses,grain elev., docks	-	1	-	0	0
Grain elevator, and dock laborers	-	2	-	242	0
Station, and warehouse laborers	-	4	-	38	0
Truckers (station, warehouse and platforms)	-	4	6	262	0
Food and lodging manager, supervisors	-	1	-	0	0

TABLE 4-7 REPORTABLE CONDITIONS TO EMPLOYEE ON DUTY, 2009

Transportation, Other Than Train and Engine

Job Titles	---Total---			---- Days ----	
	Killed	Injured	Illness	Absent From Work	Restricted At Work
Waiters and kitchen helpers (restaurant and dining car)	-	2	-	5	12
Chefs and cooks (restaurant and dining car)	-	6	-	62	16
Marine officers and workers and shore workers	-	1	-	0	0
Train attendants	-	44	1	2,507	226
Bridge and crossing flagmen and gatemen	-	1	-	17	38
Yards clerks	-	15	-	779	169
Crew dispatchers	-	1	-	37	0
Yardmasters and assistant yardmasters	-	12	-	838	3
Total	-	128	9	6,064	622

Transportation, Train and Engine

Job Titles	---Total---			---- Days ----	
	Killed	Injured	Illness	Absent From Work	Restricted At Work
Transportation, train and engine (miscellaneous)	-	54	-	1,367	49
Switchtenders	-	20	-	1,789	96
Car retarder operators and ground service employees	-	1	-	180	0
Outside hostlers	-	19	1	925	304
Outside hostler helpers	-	3	-	173	20
Road passenger conductors	-	197	10	8,574	1,271
Assistant road passenger conductors and ticket collectors	-	69	5	3,097	227
Road freight conductors (through freight)	5	339	8	26,683	3,024
Road freight conductors (local and way freight)	-	174	2	13,024	978
Road Passenger brakemen and flagmen	-	9	-	109	257
Road freight brakemen and flagmen (through freight)	-	39	1	2,362	509
Road freight brakemen and flagmen (local and way freight)	-	77	-	5,628	303
Yard conductors and yard foremen	1	170	16	11,565	1,213
Yard brakemen and yard helpers	-	117	2	7,385	909
Road passenger engineers and motormen	-	97	27	4,284	622
Road freight engineers (through freight)	2	187	3	14,089	515
Road freight engineers (local and way freight)	-	73	-	6,230	212
Yard engineers	-	76	7	5,008	342
Road passenger firemen and helpers	-	4	1	181	0
Road freight firemen and helpers (through freight)	-	1	-	180	0
Road freight firemen and helpers (local and way freight)	-	1	-	72	0
Yard firemen and helpers	-	1	-	0	0
Remote control locomotive operator -operating	2	54	1	3,218	592
Remote control locomotive operator - not operating	-	59	-	3,775	1,015
Total	10	1,841	84	119,898	12,458

TABLE 4-8 OCCUPATIONAL ILLNESSES OF EMPLOYEE ON DUTY, 2009

Illness	Total		Kld	Nonfatal	Days Absent	Absent Cases	Term./ Trans.	Days Restricted	Hazmat Exp.
	Cnt	%							
Rashes	3	1.4	-	3	18	3	-	0	-
Misc. skin diseases/disorders	1	0.5	-	1	0	-	-	0	-
Pneumonitis	1	0.5	-	1	0	-	-	0	-
Acute congestion, dust/gas/etc.	2	0.9	-	2	1	1	-	0	1
Heat/sun stroke	3	1.4	-	3	10	3	-	0	-
Effects, non-ionizing radiation	1	0.5	-	1	2	1	-	0	-
Heat exhaustion	17	7.8	-	17	35	7	-	0	-
Freezing/frostbite	3	1.4	-	3	7	1	-	0	-
Noise induced hearing loss	133	61.3	-	133	0	-	-	0	-
Synovitis	10	4.6	-	10	829	7	-	35	-
Tenosynovitis	6	2.8	-	6	350	4	-	33	-
Bursitis	5	2.3	-	5	39	3	-	167	-
Carpal tunnel syndrome	8	3.7	-	8	429	7	-	186	-
Misc. repeated trauma condition	8	3.7	-	8	647	5	-	28	-
Stress related syndromes	9	4.1	-	9	756	8	-	0	-
Misc. illnesses, unclassified	3	1.4	-	3	59	1	-	14	-
Emotional trauma/nervous shock	4	1.8	-	4	410	4	-	0	-
Total	217	100	-	217	3,592	55	-	463	1

1/ The number of cases that resulted in employee being absent for work at least one day

2/ Term = terminated, Trans = transferred

3/ Condition was the result of a hazardous material exposure

TABLE 4-9 OCCUPATIONAL ILLNESSES OF EMPLOYEE ON DUTY, BY RAILROAD, 2009

RR	Total		Kid	Nonfatal	Days Absent			Absent Cases		Term./ Trans.	Days Restricted			Hazmat Exp. Cnt
	Cnt	%			Cnt	%	Avg.	Cnt	%		Cnt	%	Avg.	
ARR	46	21.2	-	46	0	0.0	0	-	-	-	0	0.0	0	-
ATK	96	44.2	-	96	1,039	28.9	11	9	16.4	-	0	0.0	0	-
BNSF	31	14.3	-	31	1,435	39.9	46	17	30.9	-	257	55.5	8	-
CN	4	1.8	-	4	223	6.2	56	2	3.6	-	0	0.0	0	-
CP	5	2.3	-	5	194	5.4	39	4	7.3	-	166	35.9	33	-
CSX	4	1.8	-	4	184	5.1	46	2	3.6	-	0	0.0	0	-
IAIS	1	0.5	-	1	1	0.0	1	1	1.8	-	0	0.0	0	-
LI	4	1.8	-	4	18	0.5	5	3	5.5	-	0	0.0	0	-
MACZ	1	0.5	-	1	144	4.0	144	1	1.8	-	0	0.0	0	-
MBTA	1	0.5	-	1	0	0.0	0	-	-	-	0	0.0	0	-
MNCW	1	0.5	-	1	42	1.2	42	1	1.8	-	0	0.0	0	-
NIRC	1	0.5	-	1	0	0.0	0	-	-	-	0	0.0	0	-
NS	3	1.4	-	3	184	5.1	61	2	3.6	-	0	0.0	0	-
PTRA	1	0.5	-	1	9	0.3	9	1	1.8	-	0	0.0	0	-
SCAX	1	0.5	-	1	33	0.9	33	1	1.8	-	0	0.0	0	-
UP	8	3.7	-	8	71	2.0	9	4	7.3	-	9	1.9	1	-
XXXX	9	4.1	-	9	15	0.4	2	7	12.7	-	31	6.7	3	1
Tot.	217	100	-	217	3,592	100	17	55	100	-	463	100	2	1

1/ The number of cases that resulted in employee being absent for work at least one day

2/ Term = terminated, Trans = transferred

3/ Condition was the result of a hazardous material exposure

TABLE 5-1 TRAIN ACCIDENTS BY RR, TYPE AND MAJOR CAUSE, 2009

Railroad	Total		Type of Accident				Reportable Damage	Casualties			Causes				
	Cnt	%	Coll	Der	HRC	Othr		Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk
Alton & Southern	7	0.3	1	4	-	2	355,012	-	-	1	-	3	1	-	2
Alaska RR Corp.	7	0.3	-	1	-	6	832,574	-	-	1	-	5	1	-	-
Amtrak	113	5.0	1	35	28	49	5,283,746	8	83	13	28	18	18	-	36
Burlington Northern Santa Fe	435	19.2	19	317	33	66	60,285,378	5	26	58	33	160	45	6	133
Buffalo & Pittsburg	4	0.2	1	3	-	-	56,905	-	-	1	-	2	1	-	-
Belt Rwy Of Chicago	12	0.5	1	11	-	-	369,274	-	-	3	-	4	3	-	2
Canadian National	78	3.4	4	43	11	20	8,036,061	2	24	13	11	27	6	-	21
Canadian Pacific	44	1.9	1	29	5	9	5,073,367	3	5	3	5	17	1	-	18
Conrail Shared Assets	32	1.4	5	24	-	3	1,184,347	-	1	1	-	16	2	1	12
CSX Transportation	280	12.3	27	201	23	29	31,923,649	2	19	37	23	77	37	20	86
Florida East Coast	3	0.1	-	1	2	-	1,668,908	1	2	-	2	-	-	-	1
Guilford Rail System	4	0.2	-	4	-	-	753,005	-	-	-	-	-	2	-	2
Other Railroads	313	13.8	17	250	16	30	22,282,203	3	12	28	16	88	29	-	152
Indiana Harbor Belt	8	0.4	3	3	-	2	176,220	-	-	-	-	2	2	3	1
Kansas City Southern	49	2.2	7	33	1	8	4,522,956	-	2	2	1	22	10	-	14
Long Island Rail Road	19	0.8	2	7	4	6	1,573,677	2	3	1	4	8	6	-	-
MD Assn. of Rail Comm	2	0.1	-	-	-	2	16,000	-	-	2	-	-	-	-	-
Mass Bay Transit Auth.	1	0.0	-	1	-	-	12,768	-	-	-	-	-	1	-	-
Metro North Commuter	24	1.1	-	3	-	21	883,983	-	-	11	-	2	2	-	9
Montana Rail Link	8	0.4	1	7	-	-	1,818,370	-	-	-	-	4	-	-	4
Northeast IL Reg Comm	5	0.2	-	4	-	1	147,741	-	1	-	-	4	-	-	1
New Jersey Transit Rail	42	1.9	-	11	5	26	1,660,683	2	9	1	5	14	5	-	17
Norfolk Southern Corp.	242	10.7	23	157	18	44	10,594,861	1	18	34	18	85	34	7	64
Port Auth Trans Hudson	3	0.1	-	-	-	3	486,000	-	2	-	-	3	-	-	-
Peninsula Comm San Mateo Cnty	3	0.1	-	-	2	1	24,858	-	1	-	2	1	-	-	-
Port Terminal RR Assn	4	0.2	2	2	-	-	153,732	-	-	-	-	2	1	-	1
Southern CA Reg Rail Auth.	5	0.2	-	1	4	-	79,512	1	-	-	4	-	1	-	-
Southeastern PA Trans.	13	0.6	1	-	-	12	1,024,173	-	27	8	-	3	1	1	-
Term RR Assn Of St. Louis	3	0.1	-	2	-	1	55,371	-	-	-	-	1	-	-	2
Union Pacific	493	21.7	29	312	53	99	70,018,094	7	37	61	53	134	81	13	151
Union RR (Pittsburgh)	6	0.3	-	6	-	-	120,722	-	-	1	-	1	1	-	3
Wheeling & Lake Erie	7	0.3	-	6	1	-	426,725	-	1	-	1	1	-	-	5

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
EQP = equipment (ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-2 TRAIN ACCIDENTS BY STATE, TYPE AND MAJOR CAUSE, 2009

State	Total		Type of Accident				Reportable Damage		Casualties		Causes					
	Accs	%	Coll	Der	HRC	Othr	Amount	%	Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk
Alabama	54	2.6	5	38	2	9	2,761,427	1.2	-	1	11	2	12	8	2	19
Alaska	7	0.3	-	1	-	6	832,574	0.4	-	-	1	-	5	1	-	-
Arizona	18	0.9	2	12	1	3	1,811,318	0.8	1	1	2	1	9	1	-	5
Arkansas	47	2.3	4	31	4	8	2,689,440	1.2	-	3	6	4	11	10	-	16
California	122	5.9	5	74	22	21	8,584,962	3.7	4	16	12	22	46	17	2	23
Colorado	38	1.8	1	28	4	5	14,126,560	6.1	-	3	4	4	14	4	-	12
Connecticut	17	0.8	-	2	-	15	466,326	0.2	-	-	5	-	2	3	-	7
Delaware	4	0.2	-	3	-	1	219,781	0.1	-	-	1	-	-	-	-	3
Dist Of Columbi	7	0.3	-	5	-	2	181,393	0.1	-	-	2	-	3	-	-	2
Florida	21	1.0	1	11	7	2	3,738,666	1.6	5	14	-	7	6	1	-	7
Georgia	74	3.6	7	48	8	11	7,764,400	3.3	-	10	5	8	17	11	5	28
Idaho	16	0.8	3	10	-	3	1,365,218	0.6	-	-	3	-	6	4	-	3
Illinois	184	8.9	6	134	8	36	22,745,767	9.8	4	33	22	8	71	20	4	59
Indiana	47	2.3	7	32	5	3	4,497,173	1.9	3	7	4	5	16	4	4	14
Iowa	56	2.7	1	46	6	3	8,468,676	3.7	3	3	10	6	5	3	-	32
Kansas	61	3.0	3	47	2	9	6,729,647	2.9	-	-	7	2	19	10	2	21
Kentucky	31	1.5	2	24	2	3	5,130,072	2.2	-	-	4	2	12	4	2	7
Louisiana	52	2.5	8	34	6	4	4,682,686	2.0	2	8	3	6	17	5	1	20
Maine	6	0.3	-	6	-	-	1,419,656	0.6	-	-	2	-	-	2	-	2
Maryland	28	1.4	-	17	-	11	1,050,780	0.5	-	-	6	-	5	7	-	10
Massachusetts	16	0.8	1	9	-	6	1,177,063	0.5	-	2	2	-	3	4	-	7
Michigan	20	1.0	1	13	4	2	1,313,417	0.6	-	5	3	4	6	1	-	6
Minnesota	49	2.4	1	33	6	9	3,281,919	1.4	2	5	8	6	16	5	2	12
Mississippi	29	1.4	2	13	7	7	1,650,055	0.7	1	18	1	7	9	2	-	10
Missouri	52	2.5	4	31	1	16	8,515,949	3.7	-	10	5	1	12	9	4	21
Montana	14	0.7	1	10	1	2	2,726,097	1.2	-	3	-	1	4	2	-	7
Nebraska	77	3.7	3	54	5	15	17,686,562	7.6	1	7	9	5	25	12	1	25
Nevada	6	0.3	1	3	1	1	2,602,078	1.1	-	-	1	1	3	-	-	1
New Hampshire	1	0.0	-	1	-	-	65,358	0.0	-	-	-	-	-	1	-	-
New Jersey	68	3.3	5	28	5	30	3,226,169	1.4	2	10	2	5	28	8	1	24
New Mexico	16	0.8	-	12	1	3	2,782,148	1.2	1	1	2	1	7	1	-	5
New York	70	3.4	6	38	4	22	3,983,044	1.7	2	6	12	4	23	13	2	16
North Carolina	29	1.4	3	16	4	6	2,747,300	1.2	-	15	6	4	5	2	4	8
North Dakota	21	1.0	-	19	2	-	5,064,912	2.2	1	2	5	2	3	2	-	9
Ohio	80	3.9	6	58	4	12	6,849,322	3.0	-	8	9	4	22	13	3	29
Oklahoma	46	2.2	-	35	5	6	6,443,111	2.8	2	4	8	5	6	9	2	16
Oregon	26	1.3	2	18	1	5	2,675,953	1.2	-	1	2	1	13	1	-	9
Pennsylvania	84	4.1	5	54	5	20	5,297,957	2.3	-	30	22	5	25	7	2	23
Rhode Island	3	0.1	-	-	-	3	134,053	0.1	-	-	1	-	-	1	-	1
South Carolina	19	0.9	3	11	2	3	2,003,814	0.9	-	5	2	2	7	3	-	5
South Dakota	11	0.5	-	8	2	1	1,782,989	0.8	-	1	-	2	2	-	-	7
Tennessee	54	2.6	7	35	1	11	4,378,064	1.9	-	1	7	1	23	11	1	11
Texas	220	10.7	13	147	25	35	30,323,036	13.1	2	29	22	25	73	24	3	73
Utah	17	0.8	2	9	2	4	1,214,697	0.5	-	-	4	2	6	1	1	3
Vermont	3	0.1	-	1	1	1	120,277	0.1	-	-	-	1	-	1	-	1
Virginia	32	1.6	4	25	-	3	2,928,003	1.3	-	-	6	-	9	5	2	10
Washington	38	1.8	3	24	1	10	2,019,934	0.9	-	3	3	1	23	3	-	8
West Virginia	19	0.9	-	14	2	3	1,811,756	0.8	-	5	3	2	4	3	-	7
Wisconsin	20	1.0	1	9	1	9	1,616,040	0.7	1	1	2	1	9	3	-	5
Wyoming	28	1.4	4	20	-	4	6,213,276	2.7	-	2	7	-	8	5	-	8
Total	2,058	100	133	1,351	170	404	231,900,875	100.0	37	273	264	170	650	267	50	657

TABLE 5-3 TRAIN ACCIDENTS BY MONTH, TYPE AND MAJOR CAUSE, 2009

Day	Total		Type of Accident				Reportable Damage		Casualties		Causes					
	Cnt	%	Coll	Der	HRC	Othr	Amount	%	Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk
January	212	10.3	17	141	14	40	24,593,473	10.6	2	42	29	14	78	31	5	55
February	169	8.2	15	103	14	37	15,263,762	6.6	3	15	30	14	45	30	7	43
March	173	8.4	10	110	14	39	15,680,713	6.8	1	32	31	14	45	21	4	58
April	144	7.0	6	95	11	32	12,643,124	5.5	2	23	17	11	37	24	3	52
May	158	7.7	10	99	12	37	20,898,764	9.0	3	18	22	12	51	23	4	46
June	170	8.3	8	110	16	36	21,916,883	9.5	6	28	18	16	55	18	4	59
July	183	8.9	10	128	20	25	16,352,053	7.1	13	20	15	20	61	26	1	60
August	184	8.9	14	116	16	38	23,420,689	10.1	2	18	18	16	65	23	1	61
September	169	8.2	15	117	9	28	16,504,706	7.1	-	9	18	9	60	11	8	63
October	155	7.5	9	109	11	26	25,659,825	11.1	1	25	24	11	51	16	5	48
November	139	6.8	9	86	15	29	18,396,551	7.9	3	22	15	15	49	18	3	39
December	202	9.8	10	137	18	37	20,570,332	8.9	1	21	27	18	53	26	5	73
Total	2,058	100	133	1,351	170	404	231,900,875	100.0	37	273	264	170	650	267	50	657

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment (ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-4 TRAIN ACCIDENTS BY DAY, TYPE AND MAJOR CAUSE, 2009

Day	Total		Type of Accident				Reportable Damage		Casualties		Causes					
	Cnt	%	Coll	Der	HRC	Othr	Amount	%	Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk
Sunday	249	12.1	15	175	7	52	31,703,800	13.7	4	21	35	7	94	30	4	79
Monday	284	13.8	23	166	29	66	29,872,611	12.9	9	33	26	29	94	42	6	87
Tuesday	335	16.3	22	232	27	54	32,453,849	14.0	7	50	44	27	104	33	7	120
Wednesday	324	15.7	18	203	32	71	32,933,673	14.2	5	36	37	32	96	42	8	109
Thursday	296	14.4	19	201	24	52	36,096,909	15.6	4	51	37	24	105	44	4	82
Friday	330	16.0	18	210	38	64	39,715,166	17.1	5	63	39	38	77	51	11	114
Saturday	240	11.7	18	164	13	45	29,124,867	12.6	3	19	46	13	80	25	10	66
Total	2,058	100	133	1,351	170	404	231,900,875	100.0	37	273	264	170	650	267	50	657

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment (on track), HMN = human factor, SIG = signal, TRK = track

TABLE 5-5 TRAIN ACCIDENTS BY TIME OF DAY, TYPE AND MAJOR CAUSE, 2009

Time	Total		Type of Accident				Reportable Damage		Casualties		Causes					
	Cnt	%	Coll	Der	HRC	Othr	Amount	%	Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk
AM 1	79	3.8	7	60	3	9	10,514,460	4.5	1	2	14	3	24	11	1	26
2	91	4.4	7	59	2	23	10,437,002	4.5	3	5	12	2	33	7	3	34
3	86	4.2	5	60	4	17	8,944,570	3.9	-	1	15	4	22	11	6	28
4	65	3.2	8	40	1	16	13,321,526	5.7	-	21	15	1	25	5	5	14
5	83	4.0	8	46	5	24	12,349,179	5.3	3	5	11	5	28	19	1	19
6	76	3.7	5	44	9	18	8,982,535	3.9	1	12	20	9	18	11	1	17
7	62	3.0	5	41	9	7	13,006,294	5.6	-	10	10	9	13	6	1	23
8	84	4.1	9	41	13	21	9,042,080	3.9	3	16	7	13	32	10	1	21
9	91	4.4	4	61	11	15	5,187,102	2.2	1	17	3	11	34	15	3	25
10	91	4.4	5	56	11	19	5,436,218	2.3	1	16	11	11	31	12	1	25
11	104	5.1	4	57	17	26	11,098,225	4.8	2	32	11	17	33	9	4	30
12	73	3.5	4	53	3	13	6,096,027	2.6	-	3	9	3	24	9	1	27
Sub	985	47.9	71	618	88	208	114,415,218	49.3	15	140	138	88	317	125	28	289
PM 1	88	4.3	5	59	9	15	9,040,497	3.9	-	9	11	9	31	8	2	27
2	86	4.2	3	61	7	15	10,085,876	4.3	2	13	5	7	29	6	2	37
3	103	5.0	6	68	14	15	13,796,744	5.9	7	14	8	14	32	6	2	41
4	91	4.4	2	73	6	10	11,111,798	4.8	1	11	10	6	20	12	2	41
5	107	5.2	7	73	10	17	8,244,044	3.6	1	19	15	10	26	19	2	35
6	89	4.3	2	64	6	17	9,133,712	3.9	3	5	11	6	30	13	2	27
7	89	4.3	7	60	5	17	3,794,636	1.6	-	12	7	5	24	17	1	35
8	85	4.1	5	60	2	18	9,834,221	4.2	1	11	15	2	31	9	1	27
9	83	4.0	6	57	3	17	7,561,707	3.3	-	7	10	3	28	17	2	23
10	74	3.6	5	48	3	18	6,269,935	2.7	3	9	6	3	26	10	3	26
11	73	3.5	4	52	3	14	18,589,893	8.0	1	11	12	3	19	12	2	25
12	105	5.1	10	58	14	23	10,022,594	4.3	3	12	16	14	37	13	1	24
Sub	1,073	52.1	62	733	82	196	117,485,657	50.7	22	133	126	82	333	142	22	368
Total	2,058	100	133	1,351	170	404	231,900,875	100	37	273	264	170	650	267	50	657

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment (ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-6 TRAIN ACCIDENTS BY TYPE AND MAJOR CAUSE, 2009

Type Accident	Total		Reportable Damage		Casualties		Causes					
	Cnt	%	Amount	%	Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk
Derailments	1,351	65.6	189,607,127	81.8	1	35	194	-	377	143	18	619
Head on collision	5	0.2	2,935,881	1.3	-	5	-	-	5	-	-	-
Rear end collision	12	0.6	2,163,293	0.9	-	25	-	-	12	-	-	-
Side collision	75	3.6	5,279,250	2.3	-	6	-	-	63	5	7	-
Raking collision	35	1.7	1,191,474	0.5	-	-	2	-	20	9	3	1
Broken train coll.	6	0.3	641,140	0.3	-	-	4	-	1	1	-	-
Highway-rail Impact	170	8.3	10,112,526	4.4	33	156	-	170	-	-	-	-
Obstruction impact	70	3.4	5,316,422	2.3	1	24	4	-	19	43	-	4
Explosion/detonation	2	0.1	34,937	0.0	-	-	1	-	1	-	-	-
Fire/violent rupture	20	1.0	1,754,433	0.8	-	7	12	-	-	7	-	1
Other impacts	204	9.9	8,269,634	3.6	2	11	7	-	131	40	20	6
Other events	108	5.2	4,594,758	2.0	-	4	40	-	21	19	2	26
Total	2,058	100	231,900,875	100	37	273	264	170	650	267	50	657

EQP = equipment(ontrack), HMN = human factor, SIG = signal,
TRK = track, HRC =highway-rail crossing

TABLE 5-7 TRAIN ACCIDENTS BY SUBCAUSE AND TYPE, 2009

Causes	Total		Type of Accident				Reportable Damage		Casualties	
	Cnt	%	Coll	Der	HRC	Othr	Amount	%	Kld	Nonfatal
Brakes	26	1.3	-	20	-	6	1,531,829	0.7	-	-
Body	21	1.0	-	16	-	5	1,467,554	0.6	-	-
Coupler & Draft System	32	1.6	4	21	-	7	2,348,149	1.0	-	-
Truck Components	50	2.4	-	48	-	2	3,346,920	1.4	-	-
Axles & Journal Bearings	34	1.7	1	32	-	1	15,146,456	6.5	-	-
Wheels	52	2.5	-	49	-	3	10,788,019	4.7	-	3
Locomotives	40	1.9	-	3	-	37	1,424,537	0.6	-	8
Doors	3	0.1	-	3	-	-	347,540	0.1	-	-
Other Mechanical	6	0.3	1	2	-	3	394,573	0.2	-	-
Brakes, Use of	73	3.5	10	29	-	34	5,711,624	2.5	-	-
Employee Physical Condition	2	0.1	1	1	-	-	177,809	0.1	-	-
Flagging, Fixed, Hand & Radio	15	0.7	7	4	-	4	5,689,619	2.5	-	11
General Switching Rules	220	10.7	43	110	-	67	10,248,025	4.4	-	6
Main Track Authority	20	1.0	6	3	-	11	1,785,954	0.8	-	4
Train Handling/Makeup	70	3.4	1	63	-	6	8,285,762	3.6	-	3
Speed	71	3.4	15	36	-	20	4,930,295	2.1	-	24
Switches, Use of	141	6.9	11	113	-	17	7,450,056	3.2	2	4
Cab Signals	1	0.0	-	-	-	1	60,000	0.0	-	-
Miscellaneous Human Factors	37	1.8	7	18	-	12	4,851,221	2.1	-	6
Environmental Conditions	48	2.3	1	35	-	12	6,627,575	2.9	-	4
Loading Procedures	25	1.2	2	17	-	6	2,395,436	1.0	-	-
Highway-Rail Incidents	170	8.3	-	-	170	-	10,112,526	4.4	33	156
Unusual Operational Situations	135	6.6	9	49	-	77	12,492,630	5.4	1	17
Other Miscellaneous Causes	59	2.9	3	42	-	14	4,153,663	1.8	-	1
Signal Defects	50	2.4	10	18	-	22	1,460,324	0.6	-	1
Roadbed	28	1.4	-	28	-	-	7,839,465	3.4	1	12
Track Geometry	249	12.1	-	248	-	1	37,887,236	16.3	-	4
Rail, Joint Bar & Anchors	198	9.6	1	196	-	1	47,891,556	20.7	-	4
Frogs, Switches, Appliances	138	6.7	-	135	-	3	11,015,543	4.8	-	4
Other Track Defects	44	2.1	-	12	-	32	4,038,979	1.7	-	1
Total	2,058	100	133	1,351	170	404	231,900,875	100.0	37	273

EQP = equipment(ontrack), HMN = human factor, SIG = signal,
TRK = track, HRC =highway-rail crossing

TABLE 5-8 TRAIN ACCIDENTS WITH CONTRIBUTING CAUSE, 2009

Contributing Cause	Total		Type of Accident				Type of Track			
	Cnt	%	Coll	Der	HRC	Othr	Main	Yard	Siding	Industry
Brakes	3	1.1	-	2	-	1	1	1	-	1
Trailer/Container on Flatcar	1	0.4	-	1	-	-	-	1	-	-
Truck Components	7	2.5	-	7	-	-	1	4	1	1
Axles & Journal Bearings	2	0.7	-	1	-	1	2	-	-	-
Wheels	10	3.5	-	9	-	1	3	5	1	1
Locomotives	1	0.4	-	-	-	1	1	-	-	-
Brakes, Use of	6	2.1	1	3	-	2	2	3	-	1
Employee Physical Condition	4	1.4	-	2	-	2	2	2	-	-
Flagging, Fixed, Hand & Radio	8	2.8	1	1	-	6	3	5	-	-
General Switching Rules	47	16.7	11	20	-	16	1	36	2	8
Main Track Authority	4	1.4	3	-	-	1	2	2	-	-
Train Handling/Makeup	19	6.7	1	18	-	-	10	8	-	1
Speed	11	3.9	4	6	-	1	5	5	-	1
Switches, Use of	18	6.4	3	12	-	3	5	10	-	3
Miscellaneous Human Factors	7	2.5	-	5	-	2	3	3	1	-
Environmental Conditions	16	5.7	-	8	-	8	10	5	-	1
Loading Procedures	7	2.5	1	6	-	-	4	3	-	-
Highway-Rail Incidents	20	7.1	-	-	20	-	19	-	-	1
Unusual Operational Situations	7	2.5	-	2	-	5	4	3	-	-
Other Miscellaneous Causes	10	3.5	-	8	-	2	4	1	1	4
Signal Defects	1	0.4	1	-	-	-	1	-	-	-
Roadbed	13	4.6	-	13	-	-	8	4	-	1
Track Geometry	36	12.8	-	35	-	1	15	14	2	5
Rail, Joint Bar & Anchors	12	4.3	-	12	-	-	3	4	1	4
Frogs, Switches, Appliances	12	4.3	-	12	-	-	2	8	-	2
Total	282	100	26	183	20	53	111	127	9	35

EQP = equipment(ontrack), HMN = human factor, SIG = signal,
TRK = track, HRC =highway-rail crossing

TABLE 5-9 TRAIN ACCIDENTS BY SPECIFIC CAUSE AND TYPE, 2009

MAJOR CAUSE= Human Factors

Causes	Total		Type of Accident			Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	Othr	Main	Yard	Other		Kld	Nonfatal
Bottling the Air	2	0.1	-	-	2	-	2	-	23,714	-	-
Failure to secure engine- rr empl	7	0.3	2	3	2	1	3	3	666,964	-	-
Fail to secure car hnd brk -rr emp	20	1.0	6	5	9	4	12	4	1,580,029	-	-
Fail to release hand brk - rr emp	10	0.5	-	7	3	7	3	-	2,336,215	-	-
Fail to apply suff. hand brakes -rr emp	23	1.1	1	9	13	2	17	4	655,685	-	-
Fail to apply car hnd brks -rr emp	6	0.3	-	1	5	-	4	2	295,343	-	-
Fail to ctrl car spd use hnd brk-r emp	1	0.0	-	1	-	-	-	1	51,167	-	-
Use of brakes, other	4	0.2	1	3	-	1	2	1	102,507	-	-
Employee asleep	2	0.1	1	1	-	1	-	1	177,809	-	-
Radio communication, failure to comply	4	0.2	-	1	3	1	2	1	105,759	-	1
Failure to comply with failed equipment detector warning or with applicable train inspection rules.	1	0.0	-	1	-	-	-	1	105,543	-	-
Fixed signal (other than automatic block or interlocking signal), failure to comply.	3	0.1	1	2	-	2	1	-	832,974	-	2
Automatic block or interlocking signal displaying a stop indication - failure to comply.*	6	0.3	5	-	1	6	-	-	4,452,088	-	8
Automatic block or interlocking signal displaying other than a stop indication - failure to comply.*	1	0.0	1	-	-	1	-	-	193,255	-	-
Car(s) shoved out & left out of clear	2	0.1	1	-	1	-	2	-	29,070	-	-
Cars left foul	18	0.9	7	3	8	-	15	3	448,372	-	-
Derail, failure to apply or remove	25	1.2	-	25	-	-	17	8	906,121	-	-
Instruction to trn/yd crew improper	1	0.0	-	1	-	-	1	-	36,000	-	-
Shoving movement, absence of man	53	2.6	18	20	15	5	37	11	2,722,454	-	2
Shoving movement, failure to control	54	2.6	8	30	16	-	41	13	3,272,605	-	1
Skate, failure to remove or place	2	0.1	1	1	-	-	2	-	32,164	-	-
Failure to stretch cars before shoving	2	0.1	1	1	-	-	2	-	370,693	-	-
Failure to couple	5	0.2	2	2	1	-	5	-	155,304	-	1
Moving cars-load ramp,etc, not in pos	1	0.0	-	-	1	-	-	1	64,000	-	-
Passed couplers	18	0.9	1	11	6	-	18	-	420,413	-	-
Retarder, improper manual operation	4	0.2	-	3	1	-	4	-	62,847	-	-
Manual intervention of classification yard automatic control system modes by operator	2	0.1	-	1	1	-	2	-	150,453	-	-
Humping or cutting off in motion equipment susceptible to damage, or to cause damage to other equipment	2	0.1	-	1	1	-	2	-	149,062	-	-
Kicking or dropping cars, inadequate precautions	19	0.9	2	8	9	2	16	1	805,592	-	-
Other general switching rules	12	0.6	2	3	7	-	11	1	622,875	-	2
Failure to stop train in clear	2	0.1	-	1	1	-	2	-	97,500	-	1
Motor car/on-trk rules, fail to comply	14	0.7	5	2	7	13	-	1	1,158,511	-	3
Movement without authority - rr emp	1	0.0	1	-	-	1	-	-	19,000	-	-
Fail to comply with trn order, etc.	1	0.0	-	-	1	1	-	-	9,800	-	-
Trn orders, trk warrants, radio error	1	0.0	-	-	1	1	-	-	203,000	-	-
Other main track authority causes	1	0.0	-	-	1	1	-	-	298,143	-	-
Improper train make-up at init term	1	0.0	-	1	-	1	-	-	140,000	-	-
Buff/slack action excess, trn handling	24	1.2	-	24	-	7	15	2	3,809,208	-	-
Buff/slack action excess, trn make-up	3	0.1	-	3	-	-	3	-	42,270	-	-
Lat DB force on curve xcess trn hndng	4	0.2	-	4	-	-	3	1	203,504	-	-
Lat DB force on curve excess, make-up	4	0.2	-	4	-	1	3	-	133,131	-	-
Lat drawbar force-short/long car combo	2	0.1	-	2	-	-	2	-	256,428	-	-
Improper train inspection	2	0.1	-	1	1	2	-	-	23,878	-	-
Automatic brake, insufficient	2	0.1	-	2	-	1	1	-	127,942	-	-
Automatic brake, excessive	1	0.0	-	1	-	1	-	-	36,061	-	-
Automatic brake, other improper use	1	0.0	-	1	-	-	1	-	23,150	-	-

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment(ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-9 TRAIN ACCIDENTS BY SPECIFIC CAUSE AND TYPE, 2009

MAJOR CAUSE= Human Factors

Causes	Total		Type of Accident			Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	Othr	Main	Yard	Other		Kld	Nonfatal
Fail to allow air brks to release	2	0.1	-	2	-	-	2	-	36,104	-	-
Dynamic brake, excessive	1	0.0	-	1	-	1	-	-	1,138,308	-	-
Dynamic brake, too rapid adjustment	1	0.0	-	1	-	1	-	-	278,500	-	-
Dynamic brake, excessive axles	1	0.0	-	1	-	1	-	-	50,500	-	-
Throttle (power), improper use	1	0.0	-	1	-	-	1	-	14,575	-	-
Excessive horsepower	3	0.1	-	3	-	3	-	-	811,277	-	-
Independent brake, improper use	11	0.5	-	10	1	4	6	1	683,762	-	-
Failure to actuate off independent brk	1	0.0	-	1	-	-	1	-	49,152	-	-
Other train handling/makeup	5	0.2	1	-	4	1	4	-	428,012	-	3
Coupling speed excessive	14	0.7	-	5	9	1	10	3	475,838	-	-
Switch movement, excessive speed	12	0.6	1	7	4	-	11	1	627,112	-	-
Train inside yard limits, excess speed	1	0.0	-	1	-	1	-	-	121,101	-	-
Train outside yd limits, excess speed	2	0.1	-	2	-	2	-	-	211,200	-	-
Failure to comply with restricted speed	7	0.3	5	-	2	3	4	-	395,730	-	2
Failure to comply with restricted speed or its equivalent not in connection with a block or interlocking signal.	33	1.6	9	20	4	9	22	2	2,819,810	-	22
Speed, other	2	0.1	-	1	1	1	1	-	279,504	-	-
Spring Swtch not clear before reverse	3	0.1	-	2	1	2	1	-	498,215	-	-
Switch improperly lined	105	5.1	8	83	14	10	81	14	5,178,215	2	4
Switch not latched or locked	9	0.4	2	7	-	-	8	1	453,641	-	-
Switch previously run through	16	0.8	-	15	1	3	12	1	812,034	-	-
Moveable point trk frog improper lined	1	0.0	-	1	-	1	-	-	25,000	-	-
Switch improperly lined, radio controlled	2	0.1	1	-	1	1	1	-	52,601	-	-
Use of switches, other	5	0.2	-	5	-	1	2	2	430,350	-	-
Other causes relating to cab signals	1	0.0	-	-	1	-	1	-	60,000	-	-
Tampering - safety/protective device	1	0.0	-	1	-	-	1	-	225,000	-	-
Human factors - track	11	0.5	1	8	2	5	6	-	3,338,876	-	2
Human factors -motive power & equipment	4	0.2	1	2	1	1	3	-	312,570	-	-
Oversized loads or Excess Height/Width cars, mis-routed or switched.	5	0.2	3	1	1	2	3	-	228,998	-	-
Motor car or other on-track equipment rules (other than main track authority) - Failure to Comply.	8	0.4	1	2	5	6	2	-	485,728	-	4
Other train operation/human factors	7	0.3	1	4	2	3	4	-	189,549	-	-
Human Factor - Signal - Train Control - Operator Input On-board computer incorrect data entry.	1	0.0	-	-	1	1	-	-	70,500	-	-
Total	650	31.6	101	377	172	127	438	85	49,190,365	2	58

MAJOR CAUSE= Signal Defects

Causes	Total		Type of Accident			Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	Othr	Main	Yard	Other		Kld	Nonfatal
Classyard autocontrol sys switch fail	2	0.1	-	1	1	-	2	-	103,942	-	-
Class yd auto ctrl sys retarder fail	11	0.5	2	2	7	-	11	-	265,252	-	-
Power switch failure	10	0.5	-	10	-	1	9	-	370,988	-	1
Other communication equipment failure	1	0.0	-	-	1	1	-	-	115,904	-	-
Computer system design error (vendor)	2	0.1	2	-	-	-	2	-	45,526	-	-
Computer system configuration/management error (vendor)	1	0.0	1	-	-	-	1	-	12,451	-	-
Classification yard automatic control system - Inadequate/insufficient control	20	1.0	4	3	13	-	20	-	452,348	-	-
Other signal failures	1	0.0	1	-	-	-	1	-	40,100	-	-

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment(ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-9 TRAIN ACCIDENTS BY SPECIFIC CAUSE AND TYPE, 2009

MAJOR CAUSE= Signal Defects

Causes	Total		Type of Accident			Type of Track		Reportable Damage	Casualties	
	Cnt	%	Coll	Der	Othr	Main	Yard		Kld	Nonfatal
Radio controlled switch not locked effectively	2	0.1	-	2	-	-	2	53,813	-	-
Total	50	2.4	10	18	22	2	48	1,460,324	-	1

MAJOR CAUSE= Track Defects

Causes	Total		Type of Accident			Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	Othr	Main	Yard	Other		Kld	Nonfatal
Roadbed settled or soft	20	1.0	-	20	-	10	7	3	4,876,639	-	1
Washout/rain/slide/etc. dmg -track	4	0.2	-	4	-	3	1	-	2,078,006	1	11
Other roadbed defects	4	0.2	-	4	-	3	-	1	884,820	-	-
Cross level of track irregular(joints)	15	0.7	-	15	-	7	5	3	1,504,116	-	-
Cross level track irreg.(not at joints)	22	1.1	-	22	-	16	3	3	4,334,428	-	-
Deviate frm uniform top of rail profile	4	0.2	-	3	1	-	4	-	154,081	-	-
Superelevation improper, excessive,etc.	2	0.1	-	2	-	-	2	-	34,730	-	-
Trk alignmnt irreg-not buckled/sunkink	15	0.7	-	15	-	8	4	3	6,953,339	-	1
Track alignment irreg(buckled/sunkink)	18	0.9	-	18	-	16	2	-	8,277,324	-	-
Wide gage(defective/missing crossties)	130	6.3	-	130	-	24	56	50	10,422,604	-	1
Wide gage(spikes/other rail fasteners)	29	1.4	-	29	-	8	11	10	4,560,369	-	2
Wide gage(loose,broke, etc, gage rods)	3	0.1	-	3	-	-	2	1	152,929	-	-
Wide gage (due to worn rails)	5	0.2	-	5	-	1	2	2	423,652	-	-
Other track geometry defects	6	0.3	-	6	-	3	1	2	1,069,664	-	-
Bolt hole crack or break	9	0.4	-	9	-	4	3	2	631,875	-	-
Broken base of rail	8	0.4	-	8	-	2	3	3	1,709,887	-	-
Broken weld (plant)	2	0.1	-	2	-	2	-	-	782,036	-	-
Broken weld (field)	5	0.2	-	5	-	3	1	1	4,951,622	-	1
Defective or missing crossties	6	0.3	-	6	-	-	3	3	241,328	-	-
Defect/missing spike-oth rail fastener	10	0.5	-	10	-	4	4	2	2,176,582	-	-
Detail fracture - shelling/head check	20	1.0	-	20	-	10	6	4	8,931,600	-	-
Engine burn fracture	1	0.0	-	1	-	1	-	-	1,703,409	-	-
Head and web sep(outside jt bar limit)	25	1.2	1	24	-	8	11	6	1,648,504	-	3
Head & web separation-in jt bar limit	4	0.2	-	4	-	1	2	1	195,013	-	-
Horizontal split head	4	0.2	-	4	-	2	1	1	273,516	-	-
Joint bar broken (compromise)	1	0.0	-	1	-	-	1	-	30,719	-	-
Joint bar broken (insulated)	2	0.1	-	2	-	1	1	-	1,095,773	-	-
Joint bar broken (noninsulated)	2	0.1	-	2	-	1	1	-	1,500,018	-	-
Joint bolts, broken, or missing	1	0.0	-	1	-	-	1	-	11,085	-	-
Mismatched rail-head contour	2	0.1	-	2	-	-	1	1	55,280	-	-
Transverse/compound fissure	56	2.7	-	56	-	18	32	6	9,547,622	-	-
Vertical split head	29	1.4	-	28	1	12	15	2	9,483,904	-	-
Worn rail	2	0.1	-	2	-	1	1	-	153,806	-	-
Other rail and joint bar defects	9	0.4	-	9	-	6	2	1	2,767,977	-	-
Derail, defective	3	0.1	-	2	1	-	1	2	46,284	-	-
Guard rail loose/broken or mislocated	6	0.3	-	6	-	-	6	-	273,262	-	-
Retarder worn, broken, malfunctioning	4	0.2	-	2	2	-	4	-	188,717	-	-
Spring/power swtch mech. malfunction	1	0.0	-	1	-	-	1	-	38,762	-	-
Stock rail worn, broken, disconnected	1	0.0	-	1	-	-	1	-	14,500	-	-
Switch (hand op) stand mechanism defect	5	0.2	-	5	-	1	3	1	101,004	-	-
Swtch connect/operate rod broke/defect	1	0.0	-	1	-	1	-	-	2,436,190	-	-
Switch damaged or out of adjustment	14	0.7	-	14	-	2	6	6	753,672	-	3
Switch out of adj. insuff. anchoring	5	0.2	-	5	-	-	4	1	216,875	-	-
Switch point worn or broken	61	3.0	-	61	-	11	37	13	3,944,312	-	1
Switch rod worn, bent, broken, etc.	3	0.1	-	3	-	1	2	-	131,900	-	-
Turnout frog (rigid) worn, or broken	1	0.0	-	1	-	-	-	1	20,684	-	-

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment(ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-9 TRAIN ACCIDENTS BY SPECIFIC CAUSE AND TYPE, 2009

MAJOR CAUSE= Track Defects

Causes	Total		Type of Accident			Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	Othr	Main	Yard	Other		Kld	Nonfatal
Turnout frog(self guarded)-worn/broken	4	0.2	-	4	-	-	4	-	197,564	-	-
Switch pt gap(btwn swt pt & stock rail)	19	0.9	-	19	-	1	15	3	780,874	-	-
Oth frog, switch, trk appliance defect	10	0.5	-	10	-	4	5	1	1,870,943	-	-
Bridge misalignment or failure	4	0.2	-	4	-	4	-	-	2,276,853	-	-
Flangeway clogged	1	0.0	-	1	-	-	1	-	27,388	-	-
Engineering design or construction	8	0.4	-	7	1	-	8	-	191,956	-	-
Catenary system defect	29	1.4	-	-	29	26	3	-	1,489,665	-	-
Other way and structure defect	2	0.1	-	-	2	2	-	-	53,117	-	1
Total	657	31.9	1	619	37	228	290	139	108,672,779	1	25

MAJOR CAUSE= Mechanical/Electrical

Causes	Total		Type of Accident			Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	Othr	Main	Yard	Other		Kld	Nonfatal
Air hose uncoupled or burst	2	0.1	-	1	1	2	-	-	27,954	-	-
Oth brk component dmg,worn,broke,etc.	3	0.1	-	3	-	-	3	-	67,640	-	-
Brk valve malf.(undesire emerg)-Loco	1	0.0	-	1	-	-	-	1	27,500	-	-
Brake valve malf. (stuck brake, etc.)	6	0.3	-	4	2	3	3	-	514,437	-	-
Rigging down or dragging	8	0.4	-	8	-	2	4	2	651,212	-	-
Hand brk broken or defective	2	0.1	-	-	2	-	2	-	66,111	-	-
Other brake defects, cars	2	0.1	-	1	1	1	-	1	142,844	-	-
Other brake defects, (LOCO)	1	0.0	-	1	-	-	1	-	21,750	-	-
Hnd brk link and/or connect defect	1	0.0	-	1	-	-	1	-	12,381	-	-
Center sill broken or bent	6	0.3	-	3	3	3	3	-	224,639	-	-
Draft sill broken or bent	3	0.1	-	2	1	2	1	-	78,982	-	-
Center plate broken or defective	4	0.2	-	4	-	1	3	-	781,433	-	-
Ctr plate disengaged from truck	2	0.1	-	2	-	-	1	1	27,107	-	-
Center plate attachment defective	1	0.0	-	1	-	-	1	-	226,877	-	-
Side sill broken	2	0.1	-	1	1	2	-	-	28,413	-	-
Other body defects, (CAR)	3	0.1	-	3	-	1	1	1	100,103	-	-
Knuckle broken or defective	5	0.2	1	1	3	-	5	-	1,465,102	-	-
Coupler mismatch, high/low	3	0.1	-	3	-	1	2	-	227,828	-	-
Coupler drawhead broken or defective	3	0.1	2	-	1	1	2	-	52,706	-	-
Coupler retainer pin/cross key missing	6	0.3	-	6	-	6	-	-	221,468	-	-
Draft gear/mechanism broke/defective	5	0.2	-	3	2	1	3	1	95,889	-	-
Coupler carrier broken or defective	2	0.1	-	2	-	-	2	-	49,426	-	-
Coupler shank broken/defective	1	0.0	-	-	1	-	1	-	33,240	-	-
Failure of articulated connectors	1	0.0	-	1	-	1	-	-	20,000	-	-
Oth coupler/draft system defects-car	6	0.3	1	5	-	-	6	-	182,490	-	-
Side bearing clearance insufficient	19	0.9	-	19	-	8	9	2	910,266	-	-
Side bearing clearance excessive	1	0.0	-	1	-	-	1	-	14,781	-	-
Truck bolster broken	2	0.1	-	2	-	2	-	-	458,701	-	-
Side frame broken	3	0.1	-	3	-	2	1	-	160,529	-	-
Truck bolster stiff	5	0.2	-	5	-	-	4	1	185,609	-	-
Truck bolster stiff (LOCO)	2	0.1	-	2	-	1	1	-	30,532	-	-
Defective snubbing	3	0.1	-	3	-	3	-	-	219,740	-	-
Broken, missing, or defective springs	1	0.0	-	1	-	1	-	-	3,000	-	-
Other truck component defects, (CAR)	7	0.3	-	5	2	4	2	1	809,789	-	-
Other truck component defects, (LOCO)	1	0.0	-	1	-	1	-	-	51,340	-	-
Truck bolster stiff (failure to slew)	5	0.2	-	5	-	1	3	1	280,782	-	-
Truck hunting	1	0.0	-	1	-	1	-	-	221,851	-	-
Broken/bent axle between wheel seats	4	0.2	-	4	-	4	-	-	3,728,765	-	-
Journal (roller bearing) overheating	25	1.2	1	24	-	25	-	-	10,361,470	-	-

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment(ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-9 TRAIN ACCIDENTS BY SPECIFIC CAUSE AND TYPE, 2009

MAJOR CAUSE= Mechanical/Electrical

Causes	Total		Type of Accident			Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	Othr	Main	Yard	Other		Kld	Nonfatal
Journal fractured, new cold break	3	0.1	-	2	1	3	-	-	184,433	-	-
Oth axle/journal bearing defect-car	2	0.1	-	2	-	2	-	-	871,788	-	-
Broken flange	1	0.0	-	1	-	1	-	-	1,292,342	-	-
Broken rim	15	0.7	-	15	-	15	-	-	4,815,802	-	-
Worn Flange	6	0.3	-	6	-	2	4	-	394,370	-	-
Worn flange (LOCO)	3	0.1	-	3	-	-	2	1	99,665	-	-
Worn tread	3	0.1	-	3	-	1	2	-	410,946	-	-
Damaged flange or tread (flat)	3	0.1	-	2	1	3	-	-	219,805	-	-
Damaged flange or tread (build up)	12	0.6	-	12	-	8	3	1	1,834,362	-	-
Loose wheel	2	0.1	-	1	1	1	1	-	79,636	-	-
Other wheel defects (CAR)	5	0.2	-	5	-	2	3	-	307,920	-	3
Thermal crack, flange or tread	2	0.1	-	1	1	2	-	-	1,333,171	-	-
Traction motor failure (LOCO)	5	0.2	-	2	3	5	-	-	178,278	-	-
Crank case or air box explosion (LOCO)	1	0.0	-	-	1	1	-	-	21,158	-	-
Oil or fuel fire (LOCO)	5	0.2	-	-	5	5	-	-	272,613	-	1
Electrically caused fire (LOCO)	9	0.4	-	-	9	8	1	-	563,028	-	7
Remote control equip inoperative (LOCO)	2	0.1	-	1	1	1	1	-	103,868	-	-
Pantograph defect (LOCO)	17	0.8	-	-	17	17	-	-	273,851	-	-
Other LOCO defects	1	0.0	-	-	1	1	-	-	11,741	-	-
Bottom outlet door attachment defect	2	0.1	-	2	-	1	1	-	48,753	-	-
Other car door defects	1	0.0	-	1	-	1	-	-	298,787	-	-
Other mechanical/electrical failures	3	0.1	-	2	1	-	3	-	151,268	-	-
Other mechanical/electrical fail(LOCO)	3	0.1	1	-	2	2	1	-	243,305	-	-
Total	264	12.8	6	194	64	162	88	14	36,795,577	-	11

MAJOR CAUSE= Miscellaneous

Causes	Total		Type of Accident				Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	HRC	Othr	Main	Yard	Other		Kld	Nonfatal
Snow,ice,mud,gravel,coal,etc. on trk	25	1.2	-	19	-	6	9	9	7	1,025,159	-	4
Extreme environmental - TORNADO	2	0.1	-	2	-	-	2	-	-	311,508	-	-
Extreme environmental - FLOOD	6	0.3	-	4	-	2	2	2	2	1,912,655	-	-
Extreme wind velocity	12	0.6	1	10	-	1	9	2	1	2,862,253	-	-
Other extreme environmental conditions	3	0.1	-	-	-	3	3	-	-	516,000	-	-
Load shifted	7	0.3	1	4	-	2	2	3	2	547,828	-	-
Load fell from car	2	0.1	-	2	-	-	1	-	1	922,907	-	-
Overloaded car	3	0.1	-	2	-	1	1	1	1	169,682	-	-
Improperly loaded car	9	0.4	-	8	-	1	5	4	-	522,585	-	-
Trailer/container tiedown eqp improper	2	0.1	1	1	-	-	1	1	-	155,820	-	-
Overloaded container/trailer on flat car	1	0.0	-	-	-	1	1	-	-	66,523	-	-
Miscellaneous loading procedures	1	0.0	-	-	-	1	-	-	1	10,091	-	-
Hwy user impairment-drug/alcohol use	2	0.1	-	-	2	-	2	-	-	44,575	-	2
Highway user inattentiveness	68	3.3	-	-	68	-	68	-	-	3,292,868	16	82
Hwy user misjudgement	22	1.1	-	-	22	-	20	2	-	1,101,480	4	6
Highway user cited for violation	40	1.9	-	-	40	-	39	1	-	4,076,674	1	34
Hwy user unaware,environmental factor	1	0.0	-	-	1	-	1	-	-	11,323	-	-
Highway user unable to stop, weather	1	0.0	-	-	1	-	1	-	-	25,553	-	1
Highway user deliberately disregarded crossing warning devices	23	1.1	-	-	23	-	22	-	1	1,073,477	12	19
Other causes (highway-rail collisions)	13	0.6	-	-	13	-	13	-	-	486,576	-	12

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other EQP = equipment(ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-9 TRAIN ACCIDENTS BY SPECIFIC CAUSE AND TYPE, 2009

MAJOR CAUSE= Miscellaneous

Causes	Total		Type of Accident				Type of Track			Reportable Damage	Casualties	
	Cnt	%	Coll	Der	HRC	Othr	Main	Yard	Other		Kld	Nonfatal
Object/equipment (mtr veh) on track	15	0.7	-	-	-	15	12	2	1	365,359	1	5
Obj/equip on/fouling track, other	34	1.7	2	9	-	23	21	10	3	2,772,733	-	12
Harmonic rock off, etc.	14	0.7	-	13	-	1	4	9	1	1,973,007	-	-
Fire, other than vandalism	8	0.4	-	2	-	6	6	2	-	5,412,865	-	-
Auto hump retarder failed to slow car	20	1.0	3	3	-	14	-	19	1	801,087	-	-
Yard skate slid and failed to stop car	11	0.5	3	5	-	3	-	11	-	229,005	-	-
Lading chains/straps fouling switches	1	0.0	-	-	-	1	1	-	-	249,361	-	-
Lading chains or straps fouling wheels	1	0.0	-	1	-	-	-	-	1	9,986	-	-
Passed couplers (automated classification yard)	31	1.5	1	16	-	14	-	31	-	679,227	-	-
Interference(not vandals)with RR op.	8	0.4	1	5	-	2	-	2	6	271,296	-	-
Vandalism of track or track appliances	10	0.5	-	8	-	2	2	6	2	219,904	-	-
Fail by non-rr empto control spd of car	9	0.4	-	7	-	2	3	-	6	434,543	-	1
Cause under investigation	5	0.2	1	4	-	-	1	3	1	177,664	-	-
Track damage caused by non-railroad interference with track structure	5	0.2	-	4	-	1	2	2	1	280,984	-	-
Investigation complete, cause could not be determined	11	0.5	-	6	-	5	5	5	1	1,582,325	-	-
Other miscellaneous causes	11	0.5	1	8	-	2	2	8	1	1,186,947	-	-
Total	437	21.2	15	143	170	109	261	135	41	35,781,830	34	178

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment (on track), HMN = human factor, SIG = signal, TRK = track

TABLE 5-10 TRAIN ACCIDENTS BY TYPE TRACK AND CLASS, 2009

Track & Class		Total		Type of Accident				Reportable	Casualties		Causes					
		Cnt	%	Coll	Der	HRC	Othr	Amount	Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk
Main	1	106	5.2	2	91	1	12	13,119,573	-	7	18	1	26	10	-	51
	2	113	5.5	7	80	10	16	27,390,468	-	10	23	10	26	11	-	43
	3	143	6.9	6	68	35	34	34,740,595	3	73	26	35	23	15	1	43
	4	279	13.6	8	129	84	58	70,504,315	21	118	64	84	44	43	-	44
	5	82	4.0	1	25	36	20	18,188,583	11	33	19	36	5	10	1	11
	6	13	0.6	-	2	-	11	1,020,032	-	-	4	-	2	2	-	5
	?	15	0.7	1	1	-	13	364,297	-	1	6	-	1	3	-	5
	X	29	1.4	-	28	-	1	1,812,508	-	-	2	-	-	1	-	26
	-Sub	780	37.9	25	424	166	165	167,140,371	35	242	162	166	127	95	2	228
Yard	1	905	44.0	83	631	3	188	45,030,873	-	17	80	3	403	121	45	253
	2	46	2.2	5	33	-	8	2,730,600	2	-	6	-	16	4	2	18
	3	7	0.3	2	5	-	-	515,891	-	-	-	-	4	-	-	3
	4	2	0.1	-	1	-	1	46,033	-	-	1	-	-	-	-	1
	?	2	0.1	-	1	-	1	30,450	-	-	-	-	-	1	-	1
	X	37	1.8	5	26	-	6	1,038,794	-	-	1	-	15	6	1	14
	-Sub	999	48.5	95	697	3	204	49,392,641	2	17	88	3	438	132	48	290
	Siding	1	43	2.1	-	37	-	6	2,841,287	-	1	1	-	16	2	-
2		7	0.3	1	6	-	-	1,824,265	-	-	2	-	3	-	-	2
3		7	0.3	1	5	-	1	1,366,095	-	5	-	-	2	1	-	4
4		1	0.0	-	1	-	-	13,539	-	-	-	-	-	-	-	1
X		3	0.1	-	2	-	1	80,801	-	-	-	-	1	-	-	2
-Sub		61	3.0	2	51	-	8	6,125,987	-	6	3	-	22	3	-	33
Industry	1	188	9.1	10	152	1	25	8,503,328	-	8	9	1	55	33	-	90
	2	7	0.3	-	6	-	1	127,673	-	-	1	-	3	2	-	1
	X	23	1.1	1	21	-	1	610,875	-	-	1	-	5	2	-	15
	-Sub	218	10.6	11	179	1	27	9,241,876	-	8	11	1	63	37	-	106
Total		2,058	100	133	1,351	170	404	231,900,875	37	273	264	170	650	267	50	657

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment (ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-11 TRAIN ACCIDENTS BY TYPE TRACK AND CONSIST SPEED, 2009

Track - Spd Rng	Total		Type of Accident				Reportable Damage	Casualties		Causes						
	Cnt	%	Coll	Der	HRC	Othr	Amount	Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk	
Main	?	22	1.1	-	4	1	17	1,606,902	-	1	12	1	1	7	-	1
	1 - 9	160	7.8	4	130	5	21	15,277,598	-	9	16	5	47	18	-	74
	10-19	149	7.2	9	110	7	23	23,768,543	-	6	36	7	40	12	1	53
	20-29	107	5.2	6	75	14	12	39,294,127	-	14	24	14	20	13	-	36
	30-39	104	5.1	5	48	31	20	33,144,177	6	69	33	31	11	8	1	20
	40-49	105	5.1	1	40	50	14	39,804,270	9	53	20	50	5	14	-	16
	50-59	62	3.0	-	13	28	21	9,594,571	6	36	9	28	2	11	-	12
	60-69	27	1.3	-	3	10	14	1,817,671	4	13	3	10	1	5	-	8
	>= 70	44	2.1	-	1	20	23	2,832,512	10	41	9	20	-	7	-	8
-Sub	780	37.9	25	424	166	165	167,140,371	35	242	162	166	127	95	2	228	
Yard	?	19	0.9	2	4	-	13	1,380,199	-	-	2	-	5	11	-	1
	1 - 9	845	41.1	73	616	3	153	35,795,354	-	8	71	3	381	94	42	254
	10-19	126	6.1	20	74	-	32	10,201,085	-	7	15	-	46	26	6	33
	20-29	5	0.2	-	2	-	3	1,265,504	2	-	-	-	3	1	-	1
	30-39	1	0.0	-	-	-	1	84,199	-	2	-	-	1	-	-	-
	40-49	3	0.1	-	1	-	2	666,300	-	-	-	-	2	-	-	1
	-Sub	999	48.5	95	697	3	204	49,392,641	2	17	88	3	438	132	48	290
Siding	?	3	0.1	-	2	-	1	46,859	-	-	-	-	-	3	-	-
	1 - 9	39	1.9	-	34	-	5	2,484,586	-	-	2	-	13	-	-	24
	10-19	15	0.7	2	11	-	2	1,840,372	-	3	1	-	8	-	-	6
	20-29	2	0.1	-	2	-	-	1,326,977	-	-	-	-	1	-	-	1
	30-39	2	0.1	-	2	-	-	427,193	-	3	-	-	-	-	-	2
	-Sub	61	3.0	2	51	-	8	6,125,987	-	6	3	-	22	3	-	33
Industry	?	5	0.2	-	2	-	3	498,000	-	-	1	-	1	3	-	-
	1 - 9	195	9.5	10	161	1	23	7,449,123	-	5	9	1	58	31	-	96
	10-19	17	0.8	1	16	-	-	1,270,457	-	3	1	-	3	3	-	10
	20-29	1	0.0	-	-	-	1	24,296	-	-	-	-	1	-	-	-
	-Sub	218	10.6	11	179	1	27	9,241,876	-	8	11	1	63	37	-	106
Total	2,058	100	133	1,351	170	404	231,900,875	37	273	264	170	650	267	50	657	

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment(ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-12 TRAIN ACCIDENTS BY WEATHER CONDITION, 2009

Conditions		Total		Type of Accident				Reportable	Casualties		Causes					
		Cnt	%	Coll	Der	HRC	Othr	Amount	Kld	Nonfatal	Eqp	HRC	Hmn	Othr	Sig	Trk
Dawn	Clear	60	2.9	4	37	4	15	12,976,367	-	3	8	4	18	10	1	19
	Cloudy	20	1.0	2	14	2	2	4,218,446	-	2	7	2	2	1	-	8
	Rain	6	0.3	-	2	1	3	542,128	-	-	-	1	-	3	-	2
	Fog	2	0.1	-	-	2	-	31,535	-	-	-	2	-	-	-	-
	Snow	5	0.2	-	5	-	-	572,548	-	-	1	-	1	2	-	1
	-- Sub	93	4.5	6	58	9	20	18,341,024	-	5	16	9	21	16	1	30
Day	Clear	700	34.0	35	442	96	127	72,275,574	20	135	68	96	216	73	16	231
	Cloudy	227	11.0	13	148	24	42	21,682,969	5	42	30	24	74	28	4	67
	Rain	62	3.0	6	36	5	15	4,425,754	-	6	8	5	19	12	1	17
	Fog	3	0.1	1	1	-	1	120,821	-	-	-	-	1	-	-	2
	Sleet	2	0.1	-	1	-	1	136,400	-	-	-	-	1	-	-	1
	Snow	29	1.4	1	21	2	5	2,167,427	-	1	6	2	11	2	-	8
-- Sub	1,023	49.7	56	649	127	191	100,808,945	25	184	112	127	322	115	21	326	
Dusk	Clear	67	3.3	4	49	1	13	5,744,186	-	-	8	1	24	7	1	26
	Cloudy	22	1.1	2	18	1	1	1,564,055	-	-	5	1	6	3	-	7
	Rain	10	0.5	1	7	-	2	660,369	-	-	-	-	3	5	-	2
	Snow	1	0.0	-	1	-	-	16,150	-	-	-	-	1	-	-	-
	-- Sub	100	4.9	7	75	2	16	7,984,760	-	-	13	2	34	15	1	35
Dark	Clear	494	24.0	39	324	20	111	62,987,286	6	31	66	20	178	61	15	154
	Cloudy	196	9.5	12	134	6	44	23,688,244	2	8	38	6	54	31	6	61
	Rain	92	4.5	8	65	5	14	11,443,358	3	17	9	5	25	17	5	31
	Fog	18	0.9	2	14	-	2	2,760,765	1	-	3	-	7	3	-	5
	Sleet	1	0.0	-	1	-	-	9,325	-	-	-	-	-	1	-	-
	Snow	41	2.0	3	31	1	6	3,877,168	-	28	7	1	9	8	1	15
-- Sub	842	40.9	64	569	32	177	104,766,146	12	84	123	32	273	121	27	266	
Total		2,058	100	133	1,351	170	404	231,900,875	37	273	264	170	650	267	50	657

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment (ontrack), HMN = human factor, SIG = signal, TRK = track

TABLE 5-13 TRAIN ACCIDENTS BY CONSIST LENGTH, 2009

Length	Consists		Type of Accident				Equipment Damage		Causes					
	Cnt	%	Coll	Der	HRC	Othr	Amount	%	Eqp	HRC	Hmn	Othr	Sig	Trk
???	1	0.0	-	1	-	-	6,000	0.0	-	-	1	-	-	-
1	191	8.0	36	55	6	94	5,858,960	3.7	10	6	95	48	16	16
2-5	284	11.9	37	118	21	108	5,952,782	3.7	22	21	132	53	18	38
6-10	257	10.7	17	112	26	102	7,602,305	4.8	23	26	99	38	4	67
11-15	146	6.1	20	86	10	30	4,851,156	3.0	7	10	61	17	3	48
16-20	105	4.4	14	59	4	28	2,465,852	1.5	5	4	47	11	2	36
21-25	98	4.1	8	67	6	17	1,990,420	1.2	12	6	31	11	6	32
26-30	84	3.5	8	65	1	10	2,195,477	1.4	6	1	32	8	4	33
31-35	84	3.5	12	52	6	14	2,332,263	1.5	11	6	33	8	3	23
36-40	72	3.0	13	48	1	10	1,610,938	1.0	10	1	23	7	3	28
41-45	66	2.8	8	42	3	13	2,500,925	1.6	7	3	28	9	2	17
46-50	83	3.5	10	54	6	13	2,919,134	1.8	9	6	39	7	2	20
51-60	120	5.0	4	89	18	9	8,779,946	5.5	19	18	29	14	2	38
61-70	94	3.9	7	70	8	9	6,572,796	4.1	10	8	33	8	3	32
71-80	125	5.2	12	83	14	16	9,625,025	6.0	17	14	36	13	1	44
81-90	94	3.9	10	70	4	10	8,114,508	5.1	16	4	26	11	2	35
91-100	83	3.5	5	64	4	10	9,282,455	5.8	22	4	23	11	-	23
101-110	117	4.9	9	84	10	14	19,320,136	12.1	24	10	27	13	2	41
111-120	102	4.3	6	74	8	14	12,322,484	7.7	20	8	24	13	-	37
121-130	93	3.9	6	67	9	11	20,989,205	13.1	15	9	17	14	1	37
131-140	55	2.3	5	41	5	4	14,001,425	8.8	10	5	12	4	-	24
141-150	22	0.9	1	17	-	4	7,803,969	4.9	3	-	6	1	-	12
>= 151	17	0.7	2	13	1	1	2,711,006	1.7	4	1	7	1	1	3
Total	2,393	100	250	1,431	171	541	159,809,167	100.0	282	171	861	320	75	684

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment (ontrack), HMN = human factor, SIG = signal, TRK = track
 Counts are higher since multiple consists may be involved.

TABLE 5-14 TRAIN ACCIDENTS BY TYPE TRACK AND CONSIST, 2009

Track	- Equipment	Consists			Type of Accident					Primary Cause				
		Cnt	%	Avg Len.	Coll	Der	HRC	Othr	Eqp	HRC	Hmn	Othr	Sig	Trk
Main	Freight Train	556	23.2	81	12	353	108	45	117	108	69	52	1	171
	Psgr Train	118	4.9	8	2	9	17	62	27	17	8	16	1	21
	Commuter Train	37	1.5	7	-	2	13	16	2	13	2	4	-	10
	Work Train	9	0.4	16	-	3	-	5	1	-	2	2	-	3
	Single Car	4	0.2	1	1	-	-	-	-	-	1	-	-	-
	Cut of Cars	9	0.4	21	-	4	-	3	2	-	2	2	-	1
	Yard/ Switch	26	1.1	55	1	17	-	3	3	-	9	2	-	7
	Light loco(s)	18	0.8	2	1	5	6	5	2	6	7	-	-	2
	Maint/ Insp car	24	1.0	2	4	3	3	4	-	3	8	3	-	-
	Spec MOW Eqp	22	0.9	1	2	4	1	11	1	1	13	3	-	-
-Sub total	823	34.4	59	23	400	148	154	155	148	121	84	2	215	
Yard	Freight Train	283	11.8	68	12	197	2	12	23	2	74	20	3	101
	Psgr Train	9	0.4	8	-	4	-	4	1	-	4	2	-	1
	Commuter Train	9	0.4	7	-	5	-	4	-	-	6	-	-	3
	Work Train	6	0.3	18	-	5	-	1	1	-	2	-	-	3
	Single Car	88	3.7	2	10	15	-	29	3	-	18	23	7	3
	Cut of Cars	119	5.0	17	13	26	-	28	3	-	34	17	9	4
	Yard/ Switch	661	27.6	41	53	376	1	108	56	1	249	63	29	140
	Light loco(s)	83	3.5	2	7	42	-	12	-	-	41	2	-	18
	Maint/ Insp car	2	0.1	1	-	-	-	2	-	-	1	1	-	-
	Spec MOW Eqp	4	0.2	1	-	2	-	2	1	-	2	1	-	-
-Sub total	1,264	52.8	39	95	672	3	202	88	3	431	129	48	273	
Siding	Freight Train	41	1.7	72	1	33	-	3	3	-	8	-	-	26
	Psgr Train	1	0.0	11	-	1	-	-	-	-	-	-	-	1
	Work Train	1	0.0	16	-	1	-	-	-	-	1	-	-	-
	Single Car	2	0.1	1	-	-	-	2	-	-	1	1	-	-
	Cut of Cars	6	0.3	15	-	3	-	1	-	-	2	2	-	-
	Yard/ Switch	10	0.4	52	-	6	-	-	-	-	2	-	-	4
	Light loco(s)	4	0.2	1	1	2	-	1	-	-	4	-	-	-
	Maint/ Insp car	1	0.0	1	-	1	-	-	-	-	1	-	-	-
	Spec MOW Eqp	1	0.0	1	-	-	-	1	-	-	1	-	-	-
	-Sub total	67	2.8	54	2	47	-	8	3	-	20	3	-	31
Industry	Freight Train	98	4.1	63	3	82	-	9	8	-	18	19	-	49
	Work Train	3	0.1	19	-	2	-	-	-	-	1	-	-	1
	Single Car	11	0.5	1	3	2	-	4	1	-	5	2	-	1
	Cut of Cars	14	0.6	20	2	3	-	3	-	-	6	2	-	-
	Yard/ Switch	103	4.3	38	3	80	-	10	1	-	31	12	-	49
	Light loco(s)	10	0.4	3	-	7	1	1	1	1	1	2	-	4
	-Sub total	239	10.0	44	11	176	1	27	11	1	62	37	-	104
Total		2,393	100	46	131	1,295	152	391	257	152	634	253	50	623

Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment(ontrack), HMN = human factor, SIG = signal, TRK = track
 Counts are higher since multiple consists may be involved.

TABLE 5-15 TRAIN ACCIDENTS BY CONSIST LENGTH AND TYPE CONSIST, 2009

Length	Freight Train	Psgr Train	Commuter Train	Work Train	Single Car	Cut of Cars	Yard/Switch	Light loco(s)	Maint/Insp car	Spec MOW Eqp
???	-	-	-	-	-	-	-	1	-	-
1	-	4	1	-	101	-	2	33	24	26
2-5	16	22	11	4	3	73	80	74	1	-
6-10	39	79	28	3	-	15	84	7	1	1
11-15	29	21	4	2	-	12	77	-	1	-
16-20	29	1	2	5	-	8	60	-	-	-
21-25	39	-	-	1	-	7	51	-	-	-
26-30	33	-	-	2	-	5	44	-	-	-
31-35	38	-	-	-	-	5	41	-	-	-
36-40	23	-	-	1	-	5	43	-	-	-
41-45	26	-	-	-	-	2	38	-	-	-
46-50	29	1	-	-	-	3	50	-	-	-
51-60	76	-	-	1	1	1	41	-	-	-
61-70	54	-	-	-	-	3	37	-	-	-
71-80	90	-	-	-	-	4	31	-	-	-
81-90	72	-	-	-	-	2	20	-	-	-
91-100	59	-	-	-	-	1	23	-	-	-
101-110	87	-	-	-	-	1	29	-	-	-
111-120	81	-	-	-	-	1	20	-	-	-
121-130	82	-	-	-	-	-	11	-	-	-
131-140	49	-	-	-	-	-	6	-	-	-
141-150	15	-	-	-	-	-	7	-	-	-
>= 151	12	-	-	-	-	-	5	-	-	-
Total	978	128	46	19	105	148	800	115	27	27

*Coll = collision, Der = derailment, HRC = highway-rail crossing, Othr = other
 EQP = equipment (ontrack), HMN = human factor, SIG = signal, TRK = track
 Counts are higher since multiple consists may be involved.*

TABLE 5-16 INVOLVEMENT IN TRAIN ACCIDENTS BY TYPE CONSIST, 2009

Type Equipment	Total		Type of Accident				Type of Track				Causes					
	Cnt	%	Coll	Der	HRC	Othr	Main	Yard	Siding	Industry	Eqp	HRC	Hmn	Othr	Sig	Trk
Freight Train	962	41.9	54	714	112	82	550	275	39	98	161	112	214	96	5	374
Psgr Train	126	5.5	3	18	31	74	116	9	1	-	28	31	15	25	1	26
Commuter Train	46	2.0	1	7	15	23	37	9	-	-	3	15	8	5	-	15
Work Train	19	0.8	-	12	-	7	9	6	1	3	2	-	7	2	-	8
Single Car	88	3.8	19	24	-	45	3	72	2	11	5	-	35	30	12	6
Cut of Cars	137	6.0	23	50	-	64	9	108	6	14	7	-	76	30	13	11
Yard/ Switch	759	33.0	85	510	1	163	26	620	10	103	63	1	349	98	36	212
Light loco(s)	112	4.9	16	63	7	26	18	80	4	10	5	7	67	6	-	27
Maint/ Insp car	24	1.0	7	5	3	9	21	2	1	-	-	3	17	4	-	-
Spec MOW Eqp	25	1.1	2	6	1	16	20	4	1	-	2	1	18	4	-	-
Total	2,298	100	210	1,409	170	509	809	1,185	65	239	276	170	806	300	67	679

If more than one consist of same type in accident, then only one is counted. For example, a collision between two freight trains would be counted as one freight train.

TABLE 5-17 DAMAGE BY TRACK TYPE, 2009

Track	Total Damage		Equip Damage		Track Damage	
	Amount	Avg	Amount	Avg	Amount	Avg
Main	167,140,371	178,378	116,862,354	124,720	50,278,017	53,659
Yard	49,392,641	37,193	32,888,077	24,765	16,504,564	12,428
Siding	6,125,987	81,680	4,218,298	56,244	1,907,689	25,436
Industry	9,241,876	37,266	5,840,438	23,550	3,401,438	13,715
Total	231,900,875	89,606	159,809,167	61,750	72,091,708	27,856

TABLE 5-18 DAMAGE BY CONSIST TYPE, 2009

Type Equipment	Total Damage		Equip Damage		Track Damage	
	Amount	Avg	Amount	Avg	Amount	Avg
Freight Train	170,569,236	174,406	120,853,443	123,572	49,715,793	50,834
Psgr Train	6,817,464	53,261	6,330,575	49,458	486,889	3,804
Commuter Train	1,327,893	28,867	1,236,858	26,888	91,035	1,979
Work Train	1,525,829	80,307	786,280	41,383	739,549	38,924
Single Car	2,338,754	22,274	2,255,335	21,479	83,419	794
Cut of Cars	4,120,740	27,843	3,740,521	25,274	380,219	2,569
Yard/ Switch	30,264,654	37,831	19,444,292	24,305	10,820,362	13,525
Light loco(s)	2,946,108	25,618	1,995,033	17,348	951,075	8,270
Maint/ Insp car	1,863,658	69,024	1,832,928	67,886	30,730	1,138
Spec MOW Eqp	1,560,442	57,794	1,333,902	49,404	226,540	8,390
Other	8,566,097	43,929	0	0	8,566,097	43,929
Total	231,900,875	89,606	159,809,167	61,750	72,091,708	27,856

TABLE 6-1 CONSISTS TRANSPORTING HAZMAT, BY RAILROAD, 2009

Railroad	Hazmat Consists			Total Cars In Consist	Hazmat Cars			Evacuations	
	Cnt	Damaged	Releasing		Cnt	Damaged	Releasing	Cnt	People
Alton & Southern	4	1	-	140	33	1	-	-	-
Alaska RR Corp.	1	1	-	28	4	4	-	-	-
Burlington Northern Santa Fe	189	72	7	12,033	2,321	220	10	-	-
Buffalo & Pittsburg	2	1	-	102	21	1	-	-	-
Belt Rwy Of Chicago	2	2	-	65	5	4	-	-	-
Canadian National	35	21	3	2,875	607	65	18	3	251
Canadian Pacific	13	7	-	870	258	54	-	-	-
Conrail Shared Assets	8	5	1	365	103	15	1	-	-
CSX Transportation	103	42	-	6,027	1,100	99	-	4	260
Florida East Coast	2	1	1	119	11	1	1	-	-
Other Railroads	48	32	3	2,037	562	104	3	2	27
Indiana Harbor Belt	2	-	-	52	4	-	-	-	-
Kansas City Southern	13	6	-	771	104	24	-	-	-
Long Island Rail Road	-	-	-	-	0	0	0	-	950
Montana Rail Link	3	-	-	103	46	-	-	-	-
Norfolk Southern Corp.	34	18	4	1,924	264	35	5	1	2
Port Auth Trans Hudson	-	-	-	-	0	0	0	-	100
Port Terminal RR Assn	3	1	-	33	11	5	-	-	-
Southeastern PA Trans.	-	-	-	-	0	0	0	-	1,370
Term RR Assn Of St. Louis	1	-	-	103	3	-	-	-	-
Union Pacific	144	48	3	8,276	1,289	112	6	2	200
Total	607	258	22	35,923	6,746	744	44	12	3,160

TABLE 6-2 CONSISTS TRANSPORTING HAZMAT, BY STATE, 2009

States	Hazmat Consists			Total Cars In Consist	Hazmat Cars			Evacuations	
	Cnt	Damaged	Releasing		Cnt	Damaged	Releasing	Cnt	People
Alabama	18	11	-	650	97	21	-	-	-
Alaska	1	1	-	28	4	4	-	-	-
Arizona	10	3	-	387	113	16	-	-	-
Arkansas	13	2	-	646	92	5	-	-	-
California	43	19	1	2,131	356	45	1	-	-
Colorado	10	5	1	797	213	29	3	-	-
Dist Of Columb	1	-	-	101	18	-	-	-	-
Florida	8	3	1	588	103	5	1	-	-
Georgia	25	11	1	1,213	263	20	1	-	-
Idaho	5	1	-	422	82	2	-	-	-
Illinois	52	27	4	3,659	568	72	18	3	280
Indiana	8	2	-	426	54	4	-	-	-
Iowa	24	8	1	1,511	375	67	2	1	31
Kansas	10	4	-	572	96	7	-	-	-
Kentucky	4	1	-	178	33	3	-	-	-
Louisiana	19	8	1	1,140	258	22	1	1	100
Maine	3	2	1	217	83	15	1	1	2
Maryland	8	4	-	419	83	13	-	-	-
Massachusetts	2	-	-	158	4	-	-	-	-
Michigan	4	-	-	389	34	-	-	-	-
Minnesota	14	7	1	801	208	11	1	-	-
Mississippi	7	6	-	409	114	18	-	-	-
Missouri	15	5	1	1,295	181	10	2	-	-
Montana	5	1	-	252	75	5	-	-	-
Nebraska	23	8	-	1,338	199	44	-	-	-
Nevada	5	3	-	288	64	6	-	-	-
New Jersey	7	4	1	349	87	11	1	-	-
New Mexico	8	4	-	602	195	15	-	-	-
New York	10	5	-	600	167	8	0	-	1,050
North Carolina	12	8	2	405	97	24	3	1	2
North Dakota	9	4	1	603	99	8	1	-	-
Ohio	14	6	-	1,069	148	20	-	1	100
Oklahoma	16	3	-	1,352	139	4	-	-	-
Oregon	9	3	-	451	30	3	-	-	-
Pennsylvania	15	10	-	778	179	22	0	-	1,370
South Carolina	8	3	-	385	59	7	-	-	-
South Dakota	1	-	-	83	18	-	-	-	-
Tennessee	21	8	1	1,570	238	25	1	3	125
Texas	94	37	3	5,090	1,173	107	6	1	100
Utah	3	2	-	75	12	4	-	-	-
Virginia	6	4	-	333	24	10	-	-	-
Washington	18	9	-	891	112	24	-	-	-
West Virginia	3	-	-	170	17	-	-	-	-
Wisconsin	10	2	-	684	69	2	-	-	-
Wyoming	6	4	1	418	113	6	1	-	-
Total	607	258	22	35,923	6,746	744	44	12	3,160

TABLE 6-3 CONSISTS TRANSPORTING HAZMAT, BY SUBCAUSE, 2009

Causes	Hazmat Consists			Total Cars In Consist	Hazmat Cars			Evacuations	
	Cnt	Damaged	Releasing		Cnt	Damaged	Releasing	Cnt	People
Brakes	13	3	-	764	147	6	-	-	-
Body	7	1	-	616	58	2	-	-	-
Coupler & Draft System	14	4	-	1,117	160	5	-	-	-
Truck Components	20	13	2	1,362	345	29	2	-	-
Axles & Journal Bearings	13	6	1	1,165	195	12	1	3	180
Wheels	19	10	-	1,444	237	27	-	-	-
Locomotives	2	-	-	196	25	0	0	-	900
Doors	1	-	-	10	1	-	-	-	-
Other Mechanical	5	1	-	286	85	1	-	-	-
Brakes, Use of	26	11	-	1,283	282	15	-	-	-
Flagging, Fixed, Hand & Radio	7	1	-	567	97	1	-	-	-
General Switching Rules	85	40	2	3,195	740	83	2	2	100
Train Handling/Makeup	30	10	-	2,572	427	32	0	-	570
Speed	24	12	2	1,186	274	25	3	1	2
Switches, Use of	44	25	2	2,288	496	60	2	1	25
Miscellaneous Human Factors	8	1	-	312	37	4	-	-	-
Environmental Conditions	8	3	-	651	111	7	0	-	125
Loading Procedures	3	1	-	275	88	7	-	-	-
Highway-Rail Incidents	38	2	-	2,382	368	6	-	-	-
Unusual Operational Situations	34	12	1	1,575	198	18	4	-	825
Other Miscellaneous Causes	13	8	1	869	158	16	1	-	-
Signal Defects	16	2	-	441	118	3	-	-	-
Roadbed	10	6	3	759	240	33	19	2	231
Track Geometry	65	36	4	4,319	721	115	4	1	100
Rail, Joint Bar & Anchors	49	28	4	3,250	631	113	6	2	102
Frogs, Switches, Appliances	47	20	-	2,549	458	111	-	-	-
Other Track Defects	6	2	-	490	49	13	-	-	-
Total	607	258	22	35,923	6,746	744	44	12	3,160

TABLE 6-4 CONSISTS TRANSPORTING HAZMAT, BY ACCIDENT TYPE, 2009

Type Accident	Hazmat Consists			Total Cars In Consist	Hazmat Cars			Evacuations	
	Cnt	Damaged	Releasing		Cnt	Damaged	Releasing	Cnt	People
Derailments	410	197	17	26,189	4,986	623	35	11	863
Head on collision	1	-	-	85	14	-	-	-	-
Rear end collision	4	-	-	128	11	-	-	-	-
Side collision	42	14	-	2,156	369	23	-	-	-
Raking collision	10	3	-	425	117	10	-	-	-
Broken train coll.	3	-	-	225	48	-	-	-	-
Highway-rail Impact	38	2	-	2,382	368	6	-	-	-
Obstruction impact	10	2	1	838	80	5	4	-	-
Fire/violent rupture	3	-	-	201	51	0	0	-	925
Other impacts	75	39	3	2,473	618	76	4	1	102
Other events	11	1	1	821	84	1	1	-	1,270
Total	607	258	22	35,923	6,746	744	44	12	3,160

TABLE 7-1 TOTAL HIGHWAY-RAIL INCIDENTS BY RAILROAD, 2009

Railroads	Totals			At Public Crossing						At Private Crossing					
				Motor Vehicle			Other			Motor Vehicle			Other		
	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Alaska RR Corp.	4	1	-	4	1	-	-	-	-	-	-	-	-	-	-
Amtrak	127	50	99	87	32	79	28	17	10	12	1	10	-	-	-
Burlington Northern Santa Fe	256	38	104	187	23	81	19	9	9	50	6	14	-	-	-
Canadian National	105	6	38	91	5	34	6	1	2	8	-	2	-	-	-
Canadian Pacific	45	4	18	36	2	17	3	2	-	6	-	1	-	-	-
Conrail Shared Assets	19	-	5	16	-	4	1	-	-	2	-	1	-	-	-
CSX Transportation	327	29	102	261	14	80	20	11	5	42	4	14	4	-	3
Florida East Coast	10	2	4	9	1	4	1	1	-	-	-	-	-	-	-
Guilford Rail System	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-
Other Railroads	277	15	65	219	10	50	15	5	4	40	-	11	3	-	-
Indiana Harbor Belt	3	-	-	2	-	-	-	-	-	1	-	-	-	-	-
Kansas City Southern	54	11	17	45	11	14	3	-	-	6	-	3	-	-	-
Long Island Rail Road	15	4	2	6	2	1	8	2	-	1	-	1	-	-	-
MD Assn. of Rail Comm	3	1	10	2	-	9	1	1	1	-	-	-	-	-	-
Mass Bay Transit Auth.	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Metro North Commuter	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-
Montana Rail Link	5	-	-	3	-	-	-	-	-	2	-	-	-	-	-
Northern IN Comm Trans	4	2	2	4	2	2	-	-	-	-	-	-	-	-	-
Northeast IL Reg Comm	14	4	5	8	1	3	5	3	1	1	-	1	-	-	-
New Jersey Transit Rail	15	4	9	13	3	9	1	1	-	1	-	-	-	-	-
Norfolk Southern Corp.	275	23	94	226	18	74	5	2	3	44	3	17	-	-	-
Paducah & Louisville	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Peninsula Comm San Mateo Cnty	11	6	1	6	2	1	4	4	-	1	-	-	-	-	-
Port Terminal RR Assn	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Southern CA Reg Rail Auth.	9	2	-	8	1	-	1	1	-	-	-	-	-	-	-
Southeastern PA Trans.	5	-	6	4	-	5	1	-	1	-	-	-	-	-	-
Term RR Assn Of St. Louis	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Union Pacific	319	43	137	252	32	120	14	6	3	52	5	14	1	-	-
Wheeling & Lake Erie	5	1	2	5	1	2	-	-	-	-	-	-	-	-	-
Total	1,916	246	721	1,500	161	590	136	66	39	272	19	89	8	-	3

TABLE 7-2 TOTAL HIGHWAY-RAIL INCIDENTS BY STATE, 2009

States	At Public Crossing									At Private Crossing					
	Totals			Motor Vehicle			Other			Motor Vehicle			Other		
	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Alabama	70	4	26	58	2	23	2	1	2	10	1	1	-	-	-
Alaska	4	1	-	4	1	-	-	-	-	-	-	-	-	-	-
Arizona	20	3	5	13	1	1	5	1	3	2	1	1	-	-	-
Arkansas	44	9	16	38	6	16	2	1	-	4	2	-	-	-	-
California	114	29	33	70	9	21	31	19	9	12	1	3	1	-	-
Colorado	22	1	8	17	1	4	2	-	1	3	-	3	-	-	-
Connecticut	4	1	-	4	1	-	-	-	-	-	-	-	-	-	-
Delaware	4	-	2	3	-	1	-	-	-	1	-	1	-	-	-
Florida	50	10	23	33	5	11	7	4	-	8	1	10	2	-	2
Georgia	106	6	36	90	4	31	4	1	2	12	1	3	-	-	-
Idaho	10	-	7	8	-	6	-	-	-	2	-	1	-	-	-
Illinois	103	17	46	71	11	38	10	6	3	20	-	4	2	-	1
Indiana	98	14	38	82	12	28	5	1	2	10	1	8	1	-	-
Iowa	52	4	19	43	2	17	3	2	-	6	-	2	-	-	-
Kansas	46	2	15	38	2	11	1	-	-	7	-	4	-	-	-
Kentucky	58	1	22	52	1	20	1	-	-	5	-	2	-	-	-
Louisiana	84	11	35	69	9	32	2	1	-	13	1	3	-	-	-
Maine	4	-	4	2	-	2	2	-	2	-	-	-	-	-	-
Maryland	13	-	9	11	-	9	-	-	-	2	-	-	-	-	-
Massachusetts	4	-	1	2	-	1	-	-	-	2	-	-	-	-	-
Michigan	49	12	14	43	10	13	3	2	-	3	-	1	-	-	-
Minnesota	40	6	14	32	4	10	4	1	3	4	1	1	-	-	-
Mississippi	42	8	24	38	8	23	1	-	1	3	-	-	-	-	-
Missouri	39	8	17	30	6	15	2	-	1	7	2	1	-	-	-
Montana	15	1	3	9	-	1	1	1	-	5	-	2	-	-	-
Nebraska	41	8	18	36	6	18	-	-	-	5	2	-	-	-	-
Nevada	4	-	1	3	-	1	-	-	-	1	-	-	-	-	-
New Hampshire	2	-	1	2	-	1	-	-	-	-	-	-	-	-	-
New Jersey	41	4	16	35	3	15	2	1	-	4	-	1	-	-	-
New Mexico	13	3	5	10	2	5	1	1	-	2	-	-	-	-	-
New York	31	9	3	13	6	2	9	3	-	7	-	1	2	-	-
North Carolina	55	8	31	49	8	30	1	-	-	5	-	1	-	-	-
North Dakota	15	3	5	14	3	5	-	-	-	1	-	-	-	-	-
Ohio	63	9	21	49	1	16	6	5	2	8	3	3	-	-	-
Oklahoma	48	4	23	42	3	20	1	-	1	5	1	2	-	-	-
Oregon	9	1	1	6	-	1	1	1	-	2	-	-	-	-	-
Pennsylvania	46	1	17	33	1	11	2	-	2	11	-	4	-	-	-
South Carolina	41	6	16	35	5	14	1	1	-	5	-	2	-	-	-
South Dakota	17	3	11	15	3	11	1	-	-	1	-	-	-	-	-
Tennessee	56	2	17	49	1	15	3	1	1	4	-	1	-	-	-
Texas	177	23	77	140	17	67	9	5	1	28	1	9	-	-	-
Utah	13	2	-	10	-	-	3	2	-	-	-	-	-	-	-
Vermont	9	2	2	7	2	1	-	-	-	2	-	1	-	-	-
Virginia	35	3	9	21	2	5	2	1	1	12	-	3	-	-	-
Washington	32	2	5	16	1	1	1	1	-	15	-	4	-	-	-
West Virginia	23	3	8	12	-	2	3	3	1	8	-	5	-	-	-
Wisconsin	46	2	17	41	2	15	2	-	1	3	-	1	-	-	-
Wyoming	4	-	-	2	-	-	-	-	-	2	-	-	-	-	-
Total	1,916	246	721	1,500	161	590	136	66	39	272	19	89	8	-	3

TABLE 7-3 TOTAL HRC CASUALTIES BY STATE AND AGE GROUP, 2009

States	Deaths						Nonfatal Cases					
	Age Group				Total		Age Group				Total	
	Unk	< 16	16-21	> 21	Cnt	%	Unk	< 16	16-21	> 21	Cnt	%
Alabama	1	-	-	3	4	1.6	1	4	3	18	26	3.6
Alaska	1	-	-	-	1	0.4	-	-	-	-	0	0.0
Arizona	2	-	-	1	3	1.2	-	-	-	5	5	0.7
Arkansas	-	-	-	9	9	3.7	-	2	-	14	16	2.2
California	6	3	1	19	29	11.8	1	4	2	26	33	4.6
Colorado	-	-	1	-	1	0.4	-	-	-	8	8	1.1
Connecticut	-	-	1	-	1	0.4	-	-	-	-	0	0.0
Delaware	-	-	-	-	0	0.0	-	-	1	1	2	0.3
Florida	1	-	-	9	10	4.1	4	-	-	19	23	3.2
Georgia	-	-	1	5	6	2.4	3	3	1	29	36	5.0
Idaho	-	-	-	-	0	0.0	-	-	1	6	7	1.0
Illinois	1	1	1	14	17	6.9	3	4	6	33	46	6.4
Indiana	-	-	2	12	14	5.7	5	2	4	27	38	5.3
Iowa	-	-	-	4	4	1.6	-	-	3	16	19	2.6
Kansas	-	-	-	2	2	0.8	2	-	3	10	15	2.1
Kentucky	-	-	-	1	1	0.4	2	5	-	15	22	3.1
Louisiana	-	2	1	8	11	4.5	2	5	1	27	35	4.9
Maine	-	-	-	-	0	0.0	-	-	4	-	4	0.6
Maryland	-	-	-	-	0	0.0	8	-	-	1	9	1.3
Massachusetts	-	-	-	-	0	0.0	-	-	-	1	1	0.1
Michigan	5	-	1	6	12	4.9	2	-	1	11	14	1.9
Minnesota	-	-	1	5	6	2.4	2	-	3	9	14	1.9
Mississippi	-	2	4	2	8	3.3	1	1	2	20	24	3.3
Missouri	-	-	-	8	8	3.3	1	1	1	14	17	2.4
Montana	-	-	-	1	1	0.4	1	-	-	2	3	0.4
Nebraska	3	-	2	3	8	3.3	2	4	-	12	18	2.5
Nevada	-	-	-	-	0	0.0	-	-	-	1	1	0.1
New Jersey	-	-	-	4	4	1.6	3	-	-	13	16	2.2
New Mexico	-	-	-	3	3	1.2	3	-	1	1	5	0.7
New York	1	-	-	8	9	3.7	-	-	-	3	3	0.4
North Carolina	-	3	-	5	8	3.3	2	2	2	25	31	4.3
North Dakota	-	-	-	3	3	1.2	-	-	2	3	5	0.7
Ohio	-	1	2	6	9	3.7	1	1	4	15	21	2.9
Oklahoma	-	-	-	4	4	1.6	2	-	1	20	23	3.2
Oregon	-	-	-	1	1	0.4	-	-	-	1	1	0.1
Pennsylvania	-	-	-	1	1	0.4	5	1	1	10	17	2.4
South Carolina	-	1	1	4	6	2.4	3	2	-	11	16	2.2
South Dakota	-	-	1	2	3	1.2	4	-	1	6	11	1.5
Tennessee	-	-	-	2	2	0.8	1	-	2	14	17	2.4
Texas	-	-	1	22	23	9.3	4	1	2	70	77	10.7
Utah	-	-	1	1	2	0.8	-	-	-	-	0	0.0
Vermont	-	-	-	2	2	0.8	-	-	-	2	2	0.3
Virginia	-	-	-	3	3	1.2	1	-	1	7	9	1.3
Washington	1	-	-	1	2	0.8	-	-	2	3	5	0.7
West Virginia	-	1	-	2	3	1.2	-	-	-	8	8	1.1
Wisconsin	-	-	-	2	2	0.8	-	1	2	14	17	2.4
Total	22	14	22	188	246	100.0	69	43	57	551	720	100.0

TABLE 7-4 TOTAL HIGHWAY-RAIL INCIDENTS BY MONTH, 2009

Railroads	At Public Crossing												At Private Crossing					
	Totals			Motor Vehicle			Other			Motor Vehicle			Other					
	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal			
January	220	18	72	183	15	67	9	1	1	27	2	4	1	-	-			
February	154	13	54	118	5	43	8	6	2	28	2	9	-	-	-			
March	176	20	81	139	11	72	13	6	4	23	3	3	1	-	2			
April	142	18	40	109	8	34	15	9	3	18	1	3	-	-	-			
May	142	20	56	111	11	42	13	8	3	18	1	11	-	-	-			
June	159	21	70	115	12	52	16	7	7	26	2	11	2	-	-			
July	157	32	64	125	25	53	13	5	7	18	2	3	1	-	1			
August	144	18	50	111	11	36	7	6	1	25	1	13	1	-	-			
September	128	23	46	98	14	40	15	9	4	15	-	2	-	-	-			
October	170	20	75	131	13	55	10	3	1	28	4	19	1	-	-			
November	149	18	42	119	14	35	10	4	3	19	-	4	1	-	-			
December	175	25	71	141	22	61	7	2	3	27	1	7	-	-	-			
Total	1,916	246	721	1,500	161	590	136	66	39	272	19	89	8	-	3			

TABLE 7-5 TOTAL HIGHWAY-RAIL INCIDENTS BY DAY, 2009

Rail Equip Struck Highway User

Day	Total Incidents		At Public Crossing						At Private Crossing							
	Total		Motor Vehicle			Other			Motor Vehicle			Other				
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Sunday	142	7.41	25	51	113	15	41	14	7	4	15	3	6	-	-	-
Monday	220	11.48	35	75	165	25	56	17	9	4	37	1	15	1	-	-
Tuesday	226	11.80	32	67	173	20	57	15	10	2	36	2	6	2	-	2
Wednesday	245	12.79	36	73	187	22	59	18	10	4	38	4	9	2	-	1
Thursday	251	13.10	38	111	187	23	86	28	14	10	35	1	15	1	-	-
Friday	268	13.99	27	113	198	17	91	20	6	7	50	4	15	-	-	-
Saturday	207	10.80	34	95	158	22	78	15	10	3	33	2	14	1	-	-
Total	1,559	81.37	227	585	1,181	144	468	127	66	34	244	17	80	7	-	3

Highway User Struck Rail Equip

Day	Total Incidents		At Public Crossing						At Private Crossing							
	Total		Motor Vehicle			Other			Motor Vehicle			Other				
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Sunday	26	1.36	3	12	25	3	12	-	-	-	1	-	-	-	-	-
Monday	50	2.61	2	19	41	2	17	4	-	1	5	-	1	-	-	-
Tuesday	48	2.51	3	7	42	3	5	-	-	-	6	-	2	-	-	-
Wednesday	64	3.34	2	26	60	2	25	-	-	-	4	-	1	-	-	-
Thursday	60	3.13	2	16	53	2	14	1	-	1	5	-	1	1	-	-
Friday	61	3.18	2	31	55	2	26	2	-	2	4	-	3	-	-	-
Saturday	48	2.51	5	25	43	3	23	2	-	1	3	2	1	-	-	-
Total	357	18.63	19	136	319	17	122	9	-	5	28	2	9	1	-	-

Grand Total

Day	Total Incidents		At Public Crossing						At Private Crossing							
	Total		Motor Vehicle			Other			Motor Vehicle			Other				
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Sunday	168	8.77	28	63	138	18	53	14	7	4	16	3	6	-	-	-
Monday	270	14.09	37	94	206	27	73	21	9	5	42	1	16	1	-	-
Tuesday	274	14.30	35	74	215	23	62	15	10	2	42	2	8	2	-	2
Wednesday	309	16.13	38	99	247	24	84	18	10	4	42	4	10	2	-	1
Thursday	311	16.23	40	127	240	25	100	29	14	11	40	1	16	2	-	-
Friday	329	17.17	29	144	253	19	117	22	6	9	54	4	18	-	-	-
Saturday	255	13.31	39	120	201	25	101	17	10	4	36	4	15	1	-	-
Total	1,916	100.0	246	721	1,500	161	590	136	66	39	272	19	89	8	-	3

TABLE 7-6 TOTAL HIGHWAY-RAIL INCIDENTS BY HOUR OF DAY, 2009

Hour of Day	Total Incidents		At Public Crossing						At Private Crossing									
	Cnt	%	Total		Motor Vehicle		Other		Motor Vehicle			Other						
			Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal		
AM																		
1	61	3.18	9	12	48	4	10	5	3	1	8	2	1	-	-	-	-	-
2	55	2.87	3	10	45	3	8	3	-	2	7	-	-	-	-	-	-	-
3	50	2.61	3	12	44	3	12	-	-	-	5	-	-	1	-	-	-	-
4	21	1.10	2	4	16	1	4	1	1	-	4	-	-	-	-	-	-	-
5	42	2.19	6	16	35	5	15	1	1	1	6	-	-	-	-	-	-	-
6	57	2.97	5	10	46	2	10	3	2	-	8	1	-	-	-	-	-	-
7	89	4.65	11	43	71	7	34	7	3	3	11	1	6	-	-	-	-	-
8	92	4.80	10	50	71	8	42	7	2	3	14	-	5	-	-	-	-	-
9	111	5.79	10	59	81	8	49	5	1	2	24	1	8	1	-	-	-	-
10	100	5.22	17	35	74	12	26	4	3	-	20	2	7	2	-	-	-	2
11	120	6.26	13	50	91	10	42	5	2	1	24	1	7	-	-	-	-	-
12	58	3.03	7	10	45	2	6	9	5	2	4	-	2	-	-	-	-	-
Total	856	44.68	96	311	667	65	258	50	23	15	135	8	36	4	-	-	-	2
PM																		
1	92	4.80	12	35	65	6	28	9	5	2	16	1	5	2	-	-	-	-
2	117	6.11	15	26	93	9	19	5	3	-	19	3	7	-	-	-	-	-
3	121	6.32	23	48	95	15	35	9	3	4	17	5	9	-	-	-	-	-
4	104	5.43	11	56	84	6	43	8	5	2	12	-	11	-	-	-	-	-
5	105	5.48	10	55	87	8	49	7	2	3	11	-	3	-	-	-	-	-
6	96	5.01	14	41	70	10	26	12	4	5	13	-	10	1	-	-	-	-
7	70	3.65	10	31	55	4	27	8	6	2	7	-	2	-	-	-	-	-
8	73	3.81	13	19	55	9	15	9	4	3	8	-	-	1	-	-	-	1
9	68	3.55	8	17	55	3	16	7	5	-	6	-	1	-	-	-	-	-
10	54	2.82	8	31	46	5	29	4	3	1	4	-	1	-	-	-	-	-
11	69	3.60	6	22	55	4	20	4	2	1	10	-	1	-	-	-	-	-
12	91	4.75	20	29	73	17	25	4	1	1	14	2	3	-	-	-	-	-
Total	1,060	55.32	150	410	833	96	332	86	43	24	137	11	53	4	-	-	-	1
Total	1,916	100.0	246	721	1,500	161	590	136	66	39	272	19	89	8	-	-	-	3

TABLE 7-7 TOTAL HIGHWAY-RAIL INCIDENTS BY TYPE HIGHWAY USER, 2009

Rail Equip Struck Highway User

Highway User	Total Incidents		At Public Crossing						At Private Crossing							
			Total		Motor Vehicle			Other			Motor Vehicle			Other		
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Car	671	35.02	96	210	602	92	195	-	-	-	69	4	15	-	-	-
Truck	89	4.65	16	50	65	15	40	-	-	-	24	1	10	-	-	-
Trk& Trail	245	12.79	3	99	187	3	87	-	-	-	58	-	12	-	-	-
Pickup Trk	244	12.73	26	83	187	18	60	-	-	-	57	8	23	-	-	-
Van	59	3.08	10	42	47	7	30	-	-	-	12	3	12	-	-	-
Bus	4	0.21	-	16	4	-	16	-	-	-	-	-	-	-	-	-
School Bus	1	0.05	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Motorcycle	3	0.16	1	3	3	1	3	-	-	-	-	-	-	-	-	-
Oth Mtr V.	109	5.69	9	45	85	8	37	-	-	-	24	1	8	-	-	-
Pedestrian	101	5.27	59	30	-	-	-	100	59	30	-	-	-	1	-	-
Other	33	1.72	7	7	-	-	-	27	7	4	-	-	-	6	-	3
Total	1,559	81.37	227	585	1,181	144	468	127	66	34	244	17	80	7	-	3

Highway User Struck Rail Equip

Highway User	Total Incidents		At Public Crossing						At Private Crossing							
			Total		Motor Vehicle			Other			Motor Vehicle			Other		
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Car	206	10.75	11	63	197	9	62	-	-	-	9	2	1	-	-	-
Truck	18	0.94	-	5	15	-	3	-	-	-	3	-	2	-	-	-
Trk& Trail	21	1.10	2	8	15	2	7	-	-	-	6	-	1	-	-	-
Pickup Trk	61	3.18	3	28	60	3	28	-	-	-	1	-	-	-	-	-
Van	13	0.68	-	7	10	-	5	-	-	-	3	-	2	-	-	-
Bus	1	0.05	-	2	1	-	2	-	-	-	-	-	-	-	-	-
Motorcycle	2	0.10	-	1	2	-	1	-	-	-	-	-	-	-	-	-
Oth Mtr V.	25	1.30	3	17	19	3	14	-	-	-	6	-	3	-	-	-
Pedestrian	5	0.26	-	4	-	-	-	5	-	4	-	-	-	-	-	-
Other	5	0.26	-	1	-	-	-	4	-	1	-	-	-	1	-	-
Total	357	18.63	19	136	319	17	122	9	-	5	28	2	9	1	-	-

Grand Total

Highway User	Total Incidents		At Public Crossing						At Private Crossing							
			Total		Motor Vehicle			Other			Motor Vehicle			Other		
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Car	877	45.77	107	273	799	101	257	-	-	-	78	6	16	-	-	-
Truck	107	5.58	16	55	80	15	43	-	-	-	27	1	12	-	-	-
Trk& Trail	266	13.88	5	107	202	5	94	-	-	-	64	-	13	-	-	-
Pickup Trk	305	15.92	29	111	247	21	88	-	-	-	58	8	23	-	-	-
Van	72	3.76	10	49	57	7	35	-	-	-	15	3	14	-	-	-
Bus	5	0.26	-	18	5	-	18	-	-	-	-	-	-	-	-	-
School Bus	1	0.05	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Motorcycle	5	0.26	1	4	5	1	4	-	-	-	-	-	-	-	-	-
Oth Mtr V.	134	6.99	12	62	104	11	51	-	-	-	30	1	11	-	-	-
Pedestrian	106	5.53	59	34	-	-	-	105	59	34	-	-	-	1	-	-
Other	38	1.98	7	8	-	-	-	31	7	5	-	-	-	7	-	3
Total	1,916	100.0	246	721	1,500	161	590	136	66	39	272	19	89	8	-	3

TABLE 7-8 HIGHWAY-RAIL INCIDENTS BY USERS, 2009

Rail Equip Struck Highway User

Highway User	Total		Freight Train	Psgr Train	Commuter Train	Work Train	Single Car	Cut of Cars	Yard/ Switch	Light loco(s)	Maint Insp car	Spec MOW Eqp
	Cnt	%										
Car	671	35.0	484	64	31	6	-	1	35	37	7	6
Truck	89	4.6	60	13	5	-	-	-	5	5	-	1
Trk& Trail	245	12.8	181	14	2	1	1	-	27	18	1	-
Pickup Trk	244	12.7	179	20	4	1	-	-	17	14	8	1
Van	59	3.1	38	5	2	-	-	-	4	8	2	-
Bus	4	0.2	2	-	2	-	-	-	-	-	-	-
School Bus	1	0.1	1	-	-	-	-	-	-	-	-	-
Motorcycle	3	0.2	2	1	-	-	-	-	-	-	-	-
Oth Mtr V.	109	5.7	90	2	1	2	-	-	5	7	1	1
Pedestrian	101	5.3	48	43	9	-	-	-	1	-	-	-
Other	33	1.7	19	5	6	-	-	-	-	3	-	-
Total	1,559	81.4	1,104	167	62	10	1	1	94	92	19	9

Highway User Struck Rail Equip

Highway User	Total		Freight Train	Psgr Train	Commuter Train	Work Train	Single Car	Cut of Cars	Yard/ Switch	Light loco(s)	Maint Insp car	Spec MOW Eqp
	Cnt	%										
Car	206	10.8	122	14	4	2	-	-	25	22	10	7
Truck	18	0.9	11	1	-	-	-	-	2	2	2	-
Trk& Trail	21	1.1	14	1	-	-	-	-	4	1	-	1
Pickup Trk	61	3.2	45	-	1	-	-	-	9	2	2	2
Van	13	0.7	5	3	-	-	-	-	2	1	1	1
Bus	1	0.1	-	-	-	-	-	-	1	-	-	-
Motorcycle	2	0.1	2	-	-	-	-	-	-	-	-	-
Oth Mtr V.	25	1.3	18	1	-	-	1	1	3	1	-	-
Pedestrian	5	0.3	4	1	-	-	-	-	-	-	-	-
Other	5	0.3	4	-	-	-	-	-	-	-	-	1
Total	357	18.6	225	21	5	2	1	1	46	29	15	12

Grand Total

Highway User	Total		Freight Train	Psgr Train	Commuter Train	Work Train	Single Car	Cut of Cars	Yard/ Switch	Light loco(s)	Maint Insp car	Spec MOW Eqp
	Cnt	%										
Car	877	45.8	606	78	35	8	-	1	60	59	17	13
Truck	107	5.6	71	14	5	-	-	-	7	7	2	1
Trk& Trail	266	13.9	195	15	2	1	1	-	31	19	1	1
Pickup Trk	305	15.9	224	20	5	1	-	-	26	16	10	3
Van	72	3.8	43	8	2	-	-	-	6	9	3	1
Bus	5	0.3	2	-	2	-	-	-	1	-	-	-
School Bus	1	0.1	1	-	-	-	-	-	-	-	-	-
Motorcycle	5	0.3	4	1	-	-	-	-	-	-	-	-
Oth Mtr V.	134	7.0	108	3	1	2	1	1	8	8	1	1
Pedestrian	106	5.5	52	44	9	-	-	-	1	-	-	-
Other	38	2.0	23	5	6	-	-	-	-	3	-	1
Total	1,916	100.0	1,329	188	67	12	2	2	140	121	34	21

TABLE 7-9 TOTAL HIGHWAY-RAIL INCIDENTS BY WARNING DEVICE, 2009

Warning	Total Incidents		At Public Crossing						At Private Crossing							
	Total		Motor Vehicle			Other			Motor Vehicle			Other				
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Unknown	52	2.71	2	17	9	-	2	1	1	-	39	1	15	3	-	-
Other	10	0.52	1	1	2	-	-	2	1	-	6	-	1	-	-	-
Cross bucks	477	24.90	48	194	412	44	172	6	1	-	58	3	22	1	-	-
Stop signs	296	15.45	36	112	145	21	62	2	-	1	146	15	47	3	-	2
Special warning	23	1.20	-	9	16	-	7	-	-	-	7	-	2	-	-	-
HWTS,WW,Bells	13	0.68	-	2	13	-	2	-	-	-	-	-	-	-	-	-
Flashing lights	278	14.51	20	104	258	16	102	11	4	1	9	-	1	-	-	-
Gates	767	40.03	139	282	645	80	243	114	59	37	7	-	1	1	-	1
Total	1,916	100.0	246	721	1,500	161	590	136	66	39	272	19	89	8	-	3

TABLE 7-10 TOTAL HIGHWAY-RAIL INCIDENTS BY WEATHER, 2009

Rail Equip Struck Highway User

Type Weather	Total Incidents		At Public Crossing						At Private Crossing							
	Total		Motor Vehicle			Other			Motor Vehicle			Other				
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Clear	1,072	55.95	169	415	804	97	320	101	56	29	160	16	63	7	-	3
Cloudy	302	15.76	47	91	227	37	77	17	9	3	58	1	11	-	-	-
Rain	117	6.11	6	53	93	5	47	9	1	2	15	-	4	-	-	-
Fog	19	0.99	1	4	17	1	4	-	-	-	2	-	-	-	-	-
Sleet	2	0.10	-	1	2	-	1	-	-	-	-	-	-	-	-	-
Snow	47	2.45	4	21	38	4	19	-	-	-	9	-	2	-	-	-
Total	1,559	81.37	227	585	1,181	144	468	127	66	34	244	17	80	7	-	3

Highway User Struck Rail Equip

Type Weather	Total Incidents		At Public Crossing						At Private Crossing							
	Total		Motor Vehicle			Other			Motor Vehicle			Other				
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Clear	257	13.41	13	95	228	13	84	8	-	4	21	-	7	-	-	-
Cloudy	68	3.55	5	22	60	3	19	1	-	1	7	2	2	-	-	-
Rain	16	0.84	-	7	16	-	7	-	-	-	-	-	-	-	-	-
Fog	5	0.26	-	7	5	-	7	-	-	-	-	-	-	-	-	-
Sleet	2	0.10	-	-	1	-	-	-	-	-	-	-	1	-	-	-
Snow	9	0.47	1	5	9	1	5	-	-	-	-	-	-	-	-	-
Total	357	18.63	19	136	319	17	122	9	-	5	28	2	9	1	-	-

Grand total

Type Weather	Total Incidents		At Public Crossing						At Private Crossing							
	Total		Motor Vehicle			Other			Motor Vehicle			Other				
	Cnt	%	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal	Cnt	Kld	Nonfatal
Clear	1,329	69.36	182	510	1,032	110	404	109	56	33	181	16	70	7	-	3
Cloudy	370	19.31	52	113	287	40	96	18	9	4	65	3	13	-	-	-
Rain	133	6.94	6	60	109	5	54	9	1	2	15	-	4	-	-	-
Fog	24	1.25	1	11	22	1	11	-	-	-	2	-	-	-	-	-
Sleet	4	0.21	-	1	3	-	1	-	-	-	-	-	-	1	-	-
Snow	56	2.92	5	26	47	5	24	-	-	-	9	-	2	-	-	-
Total	1,916	100.0	246	721	1,500	161	590	136	66	39	272	19	89	8	-	3

TABLE 8-1 RATES FOR MOTOR VEHICLE INCIDENTS AT PUBLIC CROSSINGS BY STATE, 2009

States	Accidents				Deaths				Nonfatal			
	Cnt	Per 100 Xings	Per 100K Vehicles	Per 100K ADT	Cnt	Per 100 Xings	Per 100K Vehicles	Per 100K ADT	Cnt	Per 100 Xings	Per 100K Vehicles	Per 100K ADT
00	.	.	.	.	.	.	.	.	.	.	.	.
Alabama	58	2.05	1.19	1.03	2	0.07	0.04	0.04	23	0.81	4.74	0.41
Alaska	4	2.30	0.56	0.82	1	0.57	0.14	0.20	.	.	.	.
Arizona	13	1.68	0.29	0.49	1	0.13	0.02	0.04	1	0.13	0.22	0.04
Arkansas	38	1.28	1.80	1.08	6	0.20	0.28	0.17	16	0.54	7.58	0.46
California	70	1.08	0.20	0.20	9	0.14	0.03	0.03	21	0.33	0.61	0.06
Colorado	17	0.98	0.98	0.52	1	0.06	0.06	0.03	4	0.23	2.30	0.12
Connecticut	4	1.09	0.13	0.31	1	0.27	0.03	0.08	.	.	.	.
Delaware	3	1.12	0.34	0.27	.	.	.	.	1	0.37	1.12	0.09
Dist Of Columbia	.	.	.	.	.	.	.	.	.	.	.	.
Florida	33	0.85	0.19	0.16	5	0.13	0.03	0.02	11	0.28	0.64	0.05
Georgia	90	1.64	1.03	0.97	4	0.07	0.05	0.04	31	0.56	3.54	0.33
Hawaii	.	.	.	.	.	.	.	.	.	.	.	.
Idaho	8	0.62	0.58	0.47	.	.	.	.	6	0.47	4.34	0.35
Illinois	71	0.91	0.70	0.36	11	0.14	0.11	0.06	38	0.49	3.75	0.20
Indiana	82	1.38	1.35	0.60	12	0.20	0.20	0.09	28	0.47	4.63	0.21
Iowa	43	0.98	1.19	0.81	2	0.05	0.06	0.04	17	0.39	4.71	0.32
Kansas	38	0.70	1.50	0.85	2	0.04	0.08	0.04	11	0.20	4.34	0.25
Kentucky	52	2.20	1.42	1.41	1	0.04	0.03	0.03	20	0.85	5.45	0.54
Louisiana	69	2.28	1.70	1.11	9	0.30	0.22	0.15	32	1.06	7.90	0.52
Maine	2	0.24	0.18	0.10	.	.	.	.	2	0.24	1.77	0.10
Maryland	11	1.71	0.24	0.49	.	.	.	.	9	1.40	1.95	0.40
Massachusetts	2	0.24	0.04	0.04	.	.	.	.	1	0.12	0.18	0.02
Michigan	43	0.88	0.52	0.31	10	0.20	0.12	0.07	13	0.27	1.58	0.09
Minnesota	32	0.70	0.64	0.50	4	0.09	0.08	0.06	10	0.22	1.99	0.16
Mississippi	38	1.67	1.84	0.91	8	0.35	0.39	0.19	23	1.01	11.15	0.55
Missouri	30	0.75	0.60	0.72	6	0.15	0.12	0.14	15	0.38	3.02	0.36
Montana	9	0.64	0.87	0.66	.	.	.	.	1	0.07	0.96	0.07
Nebraska	36	1.19	2.00	1.93	6	0.20	0.33	0.32	18	0.60	10.00	0.96
Nevada	3	1.05	0.20	0.33	.	.	.	.	1	0.35	0.67	0.11
New Hampshire	2	0.57	0.15	0.27	.	.	.	.	1	0.29	0.77	0.14
New Jersey	35	2.23	0.55	0.37	3	0.19	0.05	0.03	15	0.95	2.34	0.16
New Mexico	10	1.37	0.62	1.05	2	0.27	0.12	0.21	5	0.69	3.09	0.53
New York	13	0.48	0.11	0.17	6	0.22	0.05	0.08	2	0.07	0.17	0.03
North Carolina	49	1.22	0.77	0.44	8	0.20	0.13	0.07	30	0.75	4.71	0.27
North Dakota	14	0.40	1.87	1.35	3	0.09	0.40	0.29	5	0.14	6.68	0.48
Ohio	49	0.81	0.43	0.32	1	0.02	0.01	0.01	16	0.27	1.42	0.10
Oklahoma	42	1.08	1.23	0.98	3	0.08	0.09	0.07	20	0.51	5.87	0.47
Oregon	6	0.29	0.19	0.13	.	.	.	.	1	0.05	0.31	0.02
Pennsylvania	33	0.87	0.31	0.30	1	0.03	0.01	0.01	11	0.29	1.02	0.10
Rhode Island	.	.	.	.	.	.	.	.	.	.	.	.
South Carolina	35	1.28	0.94	0.57	5	0.18	0.13	0.08	14	0.51	3.78	0.23
South Dakota	15	0.78	1.55	1.33	3	0.16	0.31	0.27	11	0.57	11.39	0.97
Tennessee	49	1.72	0.93	0.86	1	0.04	0.02	0.02	15	0.53	2.86	0.26
Texas	140	1.43	0.75	0.41	17	0.17	0.09	0.05	67	0.68	3.59	0.19
Utah	10	1.43	0.40	0.38	.	.	.	.	.	.	.	.
Vermont	7	1.85	1.15	1.12	2	0.53	0.33	0.32	1	0.26	1.64	0.16
Virginia	21	1.08	0.32	0.40	2	0.10	0.03	0.04	5	0.26	0.76	0.10
Washington	16	0.63	0.26	0.35	1	0.04	0.02	0.02	1	0.04	0.16	0.02
West Virginia	12	0.82	0.83	0.76	.	.	.	.	2	0.14	1.38	0.13
Wisconsin	41	1.01	0.77	0.46	2	0.05	0.04	0.02	15	0.37	2.82	0.17
Wyoming	2	0.52	0.29	0.56	.	.	.	.	.	.	.	.
Total...	1,500	1.11	0.59	0.47	161	0.12	0.06	0.05	590	0.44	2.31	0.19

TABLE 8-2 RATES FOR MOTOR VEHICLE INCIDENTS AT PUBLIC CROSSINGS BY WARNING DEVICE, 2009

Type Warning	Accidents			Deaths			Nonfatal			Number of Crossings
	Cnt	Per 100 Xings	Per 100K ADT	Cnt	Per 100 Xings	Per 100K ADT	Cnt	Per 100 Xings	Per 100K ADT	
Unknown	9	0.27	0.11	.	.	.	2	0.06	0.03	3,311
Other	2	0.57	0.30	.	.	.	.	.	.	353
Cross bucks	412	0.79	1.09	44	0.08	0.12	172	0.33	0.46	52,301
Stop signs	145	1.26	2.49	21	0.18	0.36	62	0.54	1.07	11,534
Special warning	16	0.76	0.23	.	.	.	7	0.33	0.10	2,110
HWTS,WW,Bells	13	0.93	0.28	.	.	.	2	0.14	0.04	1,399
Flashing lights	258	1.19	0.31	16	0.07	0.02	102	0.47	0.12	21,759
Gates	645	1.51	0.38	80	0.19	0.05	243	0.57	0.14	42,725
Total	1,500	1.11	0.47	161	0.12	0.05	590	0.44	0.19	135,492

TABLES 8-3 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY RAILROAD AND TYPE WARNING, 2009

Railroads	Types of Warning								Type Incident	
	Unknown	Other	Cross bucks	Stop signs	Special warning	HWTS,WW,Bells	Flashing lights	Gates	Rail Equip Struck Highway User	Highway User Struck Rail Equip
Alaska RR Corp.	-	-	1	-	-	-	-	3	3	1
Amtrak	-	-	10	7	-	-	8	62	77	10
Burlington Northern Santa Fe	-	-	51	14	-	-	24	98	154	33
Canadian National	1	1	33	12	1	-	17	26	66	25
Canadian Pacific	-	-	14	5	-	-	3	14	24	12
Conrail Shared Assets	4	-	3	1	1	-	7	-	11	5
CSX Transportation	1	1	54	26	-	-	2	54	123	44
Florida East Coast	-	-	-	-	-	-	-	9	6	3
Guilford Rail System	-	-	-	-	-	-	1	-	-	1
Other Railroads	1	-	94	26	9	10	50	29	147	72
Indiana Harbor Belt	-	-	1	-	-	-	-	1	2	-
Kansas City Southern	-	-	21	1	-	-	11	12	36	9
Long Island Rail Road	-	-	-	-	-	-	-	6	5	1
MD Assn. of Rail Comm	-	-	-	-	-	-	-	2	2	-
Mass Bay Transit Auth.	-	-	-	-	-	-	-	1	1	-
Metro North Commuter	-	-	-	-	-	-	1	-	1	-
Montana Rail Link	-	-	-	1	-	-	1	1	1	2
Northern IN Comm Trans	-	-	-	-	-	-	1	1	2	1
Northeast IL Reg Comm	-	-	-	-	-	-	-	8	8	-
New Jersey Transit Rail	-	-	-	-	-	-	-	13	11	2
Norfolk Southern Corp.	1	-	45	15	2	-	52	111	188	38
Paducah & Louisville	-	-	-	-	-	-	1	-	1	-
Peninsula Comm San Mateo Cnty	-	-	-	-	-	-	-	6	6	-
Southern CA Reg Rail Auth.	-	-	-	-	-	-	-	8	7	1
Southeastern PA Trans.	-	-	-	-	-	-	1	3	3	1
Term RR Assn Of St. Louis	-	-	1	-	-	-	-	1	2	-
Union Pacific	1	-	79	37	3	-	26	106	194	58
Wheeling & Lake Erie	-	-	5	-	-	-	-	-	5	-
Total	9	2	412	145	16	13	258	645	1,181	319

TABLES 8-4 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY STATE AND TYPE WARNING, 2009

States	Type of Warning							
	Unknown	Other	Cross bucks	Stop signs	Special warning	HWTS,WW,Bells	Flashing lights	Gates
Alabama	-	-	17	14	1	-	13	13
Alaska	-	-	1	-	-	-	-	3
Arizona	-	-	-	-	-	-	6	7
Arkansas	-	-	11	13	1	1	5	7
California	-	-	6	1	1	4	2	56
Colorado	-	-	8	2	-	-	3	4
Connecticut	-	-	-	-	-	1	3	-
Delaware	-	-	-	-	-	-	3	-
Florida	-	-	2	1	-	-	1	29
Georgia	-	1	19	13	-	-	9	48
Idaho	-	-	2	4	-	-	1	1
Illinois	-	-	25	-	-	-	13	33
Indiana	-	-	13	13	1	1	17	37
Iowa	-	-	24	1	1	-	9	8
Kansas	-	-	18	4	-	1	1	14
Kentucky	-	-	14	2	-	1	22	13
Louisiana	-	-	36	9	1	-	7	16
Maine	-	-	-	-	-	-	1	1
Maryland	-	-	2	-	-	1	2	6
Massachusetts	-	-	-	-	-	-	1	1
Michigan	-	-	6	7	-	-	10	20
Minnesota	-	-	6	13	-	-	2	11
Mississippi	-	-	8	6	-	-	6	18
Missouri	-	-	12	-	-	-	10	8
Montana	-	-	3	1	-	-	1	4
Nebraska	-	-	17	6	1	-	-	12
Nevada	-	-	-	-	1	-	-	2
New Hampshire	-	-	-	-	-	-	2	-
New Jersey	2	-	4	1	1	-	12	15
New Mexico	-	-	3	1	-	-	2	4
New York	-	-	3	-	1	-	-	9
North Carolina	-	-	6	-	-	-	4	39
North Dakota	-	-	10	1	-	-	-	3
Ohio	-	-	24	-	-	-	4	21
Oklahoma	1	-	17	3	1	-	9	11
Oregon	-	-	-	5	-	-	-	1
Pennsylvania	4	-	7	-	-	-	11	11
South Carolina	-	-	4	2	2	-	11	16
South Dakota	-	-	9	2	-	-	4	-
Tennessee	1	1	11	3	-	1	13	19
Texas	-	-	31	3	1	-	18	87
Utah	-	-	2	2	1	-	-	5
Vermont	-	-	1	2	1	2	1	-
Virginia	-	-	4	-	-	-	4	13
Washington	-	-	4	4	-	-	2	6
West Virginia	-	-	5	-	-	-	3	4
Wisconsin	1	-	17	6	-	-	10	7
Wyoming	-	-	-	-	-	-	-	2
Total	9	2	412	145	16	13	258	645

**TABLE 8-5 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSING,
BY TYPE CONSIST AND CONSIST SPEED, 2009**

Rail Equip Struck Highway User

Consist Speed											Whistle Ban?	
	Total	Freight Train	Psgr Comm Trn	Work Train	Car(s)	Yard Switch	Light loco(s)	A	Unk	Yes	No	
Unknown	1	-	1	-	-	-	-	-	-	-	-	1
1-9	178	88	6	-	13	48	18	5	4	8	166	
10-19	148	101	12	5	4	7	16	3	2	10	136	
20-29	195	167	12	2	1	1	12	-	2	6	187	
30-39	228	203	17	1	-	-	7	-	3	8	217	
40-49	250	230	10	2	-	2	6	-	1	3	246	
50-59	96	74	20	-	-	-	2	-	1	2	93	
>= 60	85	13	71	-	-	-	1	-	1	4	80	
Total	1,181	876	149	10	18	58	62	8	14	41	1,126	

Highway User Struck Rail Equip

Consist Speed											Whistle Ban?	
	Total	Freight Train	Psgr Comm Trn	Work Train	Car(s)	Yard Switch	Light loco(s)	A	Unk	Yes	No	
Unknown	29	17	-	-	4	6	2	-	-	2	27	
1-9	100	36	3	-	11	29	14	7	3	3	94	
10-19	44	30	2	-	1	5	5	1	-	4	40	
20-29	43	33	2	1	1	1	5	-	1	2	40	
30-39	35	35	-	-	-	-	-	-	-	1	34	
40-49	44	42	1	-	-	-	-	1	-	2	42	
50-59	9	5	3	-	-	-	-	1	-	-	9	
>= 60	15	5	10	-	-	-	-	-	-	1	14	
Total	319	203	21	1	17	41	26	10	4	15	300	

Grand Total

Consist Speed											Whistle Ban?	
	Total	Freight Train	Psgr Comm Trn	Work Train	Car(s)	Yard Switch	Light loco(s)	A	Unk	Yes	No	
Unknown	30	17	1	-	4	6	2	-	-	2	28	
1-9	278	124	9	-	24	77	32	12	7	11	260	
10-19	192	131	14	5	5	12	21	4	2	14	176	
20-29	238	200	14	3	2	2	17	-	3	8	227	
30-39	263	238	17	1	-	-	7	-	3	9	251	
40-49	294	272	11	2	-	2	6	1	1	5	288	
50-59	105	79	23	-	-	-	2	1	1	2	102	
>= 60	100	18	81	-	-	-	1	-	1	5	94	
Total	1,500	1,079	170	11	35	99	88	18	18	56	1,426	

**TABLE 8-6 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY TYPE WARNING, MOTORIST ACTION, AND WARNING LOCATION, 2009**

Rail Equip Struck Highway User

Type Warning	Total		Motorist					Warning Location			
	Cnt	%	Drove around thru gate	Stopped then proceed	Did not stop	Other	Unknown	Not reported	Both sides	Veh Apr	Opp. Veh Apr
Unknown	5	0.3	-	-	4	-	1	4	-	-	1
Other	1	0.1	-	-	1	-	-	-	-	1	-
Cross bucks	320	21.3	-	24	204	84	8	-	304	12	4
Stop signs	120	8.0	-	19	69	30	2	-	115	5	-
Special warning	9	0.6	-	2	5	2	-	1	4	3	1
HWTS,WW,Bells	12	0.8	-	2	8	2	-	-	11	1	-
Flashing lights	178	11.9	-	23	92	57	6	-	171	7	-
Gates	536	35.7	123	9	8	244	152	-	527	8	1
Total	1,181	78.7	123	79	391	419	169	5	1,132	37	7

Highway User Struck Rail Equip

Type Warning	Total		Motorist					Warning Location			
	Cnt	%	Drove around thru gate	Stopped then proceed	Did not stop	Other	Unknown	Not reported	Both sides	Veh Apr	Opp. Veh Apr
Unknown	4	0.3	-	-	4	-	-	3	1	-	-
Other	1	0.1	-	-	1	-	-	-	1	-	-
Cross bucks	92	6.1	-	4	86	-	2	-	88	4	-
Stop signs	25	1.7	-	2	22	-	1	-	23	2	-
Special warning	7	0.5	-	2	4	-	1	-	6	1	-
HWTS,WW,Bells	1	0.1	-	1	-	-	-	-	1	-	-
Flashing lights	80	5.3	-	6	73	-	1	-	76	4	-
Gates	109	7.3	84	5	5	-	15	-	106	3	-
Total	319	21.3	84	20	195	-	20	3	302	14	-

Grand Total

Type Warning	Total		Motorist					Warning Location			
	Cnt	%	Drove around thru gate	Stopped then proceed	Did not stop	Other	Unknown	Not reported	Both sides	Veh Apr	Opp. Veh Apr
Unknown	9	0.6	-	-	8	-	1	7	1	-	1
Other	2	0.1	-	-	2	-	-	-	1	1	-
Cross bucks	412	27.5	-	28	290	84	10	-	392	16	4
Stop signs	145	9.7	-	21	91	30	3	-	138	7	-
Special warning	16	1.1	-	4	9	2	1	1	10	4	1
HWTS,WW,Bells	13	0.9	-	3	8	2	-	-	12	1	-
Flashing lights	258	17.2	-	29	165	57	7	-	247	11	-
Gates	645	43.0	207	14	13	244	167	-	633	11	1
Total	1,500	100.0	207	99	586	419	189	8	1,434	51	7

**TABLE 8-7 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY TYPE VEHICLE, VEHICLE SPEED AND DRIVER GENDER, 2009**

Rail Equip Struck Highway User

Vehicle Speed								Driver Gender		
	Total	Car	Trucks	Trk& Trail	Van	Buses	Oth Mtr V.	?	M	F
Unknown	80	50	14	8	3	-	5	8	50	22
Stopped	536	301	90	96	18	4	27	53	332	151
1-9	284	117	73	47	11	1	35	4	214	66
10-19	148	63	41	23	6	-	15	7	114	27
20-29	63	32	15	7	5	-	4	1	41	21
30-39	45	23	13	5	2	-	2	-	32	13
40-49	15	10	3	-	2	-	-	-	10	5
50-59	8	4	3	1	-	-	-	-	7	1
>= 60	2	2	-	-	-	-	-	-	2	-
Total	1,181	602	252	187	47	5	88	73	802	306

Highway User Struck Rail Equip

Vehicle Speed								Driver Gender		
	Total	Car	Trucks	Trk& Trail	Van	Buses	Oth Mtr V.	?	M	F
Unknown	23	20	1	-	-	-	2	4	10	9
Stopped	1	1	-	-	-	-	-	-	1	-
1-9	121	63	34	6	6	1	11	3	89	29
10-19	60	37	14	5	1	-	3	2	43	15
20-29	49	32	10	1	3	-	3	2	35	12
30-39	29	21	7	1	-	-	-	1	20	8
40-49	18	11	5	1	-	-	1	-	15	3
50-59	11	8	1	1	-	-	1	-	7	4
>= 60	7	4	3	-	-	-	-	-	4	3
Total	319	197	75	15	10	1	21	12	224	83

Grand Total

Vehicle Speed								Driver Gender		
	Total	Car	Trucks	Trk& Trail	Van	Buses	Oth Mtr V.	?	M	F
Unknown	103	70	15	8	3	-	7	12	60	31
Stopped	537	302	90	96	18	4	27	53	333	151
1-9	405	180	107	53	17	2	46	7	303	95
10-19	208	100	55	28	7	-	18	9	157	42
20-29	112	64	25	8	8	-	7	3	76	33
30-39	74	44	20	6	2	-	2	1	52	21
40-49	33	21	8	1	2	-	1	-	25	8
50-59	19	12	4	2	-	-	1	-	14	5
>= 60	9	6	3	-	-	-	-	-	6	3
Total	1,500	799	327	202	57	6	109	85	1,026	389

**TABLE 8-8 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY VEHICLE SPEED, WEATHER AND CONDITION OF DRIVER, 2009**

Rail Equip Struck Highway User

Vehicle Speed									Driver		
	Total	Clear	Cloudy	Rain	Fog	Sleet	Snow	?	Kld	Nonfatal	Unhurt
Unknown	80	55	12	12	-	-	1	-	5	22	53
Stopped	536	353	99	50	11	2	21	3	24	77	432
1-9	284	199	54	15	4	-	12	1	35	86	162
10-19	148	99	36	9	1	-	3	-	19	41	88
20-29	63	45	13	4	-	-	1	-	7	15	41
30-39	45	35	8	1	1	-	-	-	10	14	21
40-49	15	12	1	2	-	-	-	-	3	6	6
50-59	8	4	4	-	-	-	-	-	1	5	2
>= 60	2	2	-	-	-	-	-	-	-	1	1
Total	1,181	804	227	93	17	2	38	4	104	267	806

Highway User Struck Rail Equip

Vehicle Speed									Driver		
	Total	Clear	Cloudy	Rain	Fog	Sleet	Snow	?	Kld	Nonfatal	Unhurt
Unknown	23	12	9	1	-	-	1	1	-	6	16
Stopped	1	1	-	-	-	-	-	-	-	-	1
1-9	121	89	16	8	4	1	3	-	2	22	97
10-19	60	44	12	3	-	-	1	-	1	16	43
20-29	49	32	14	1	-	-	2	-	4	14	31
30-39	29	23	4	1	-	-	1	-	1	12	16
40-49	18	11	3	2	1	-	1	-	1	13	4
50-59	11	11	-	-	-	-	-	-	1	7	3
>= 60	7	5	2	-	-	-	-	1	2	2	2
Total	319	228	60	16	5	1	9	2	12	92	213

Grand Total

Vehicle Speed									Driver		
	Total	Clear	Cloudy	Rain	Fog	Sleet	Snow	?	Kld	Nonfatal	Unhurt
Unknown	103	67	21	13	-	-	2	1	5	28	69
Stopped	537	354	99	50	11	2	21	3	24	77	433
1-9	405	288	70	23	8	1	15	1	37	108	259
10-19	208	143	48	12	1	-	4	-	20	57	131
20-29	112	77	27	5	-	-	3	-	11	29	72
30-39	74	58	12	2	1	-	1	-	11	26	37
40-49	33	23	4	4	1	-	1	-	4	19	10
50-59	19	15	4	-	-	-	-	-	2	12	5
>= 60	9	7	2	-	-	-	-	1	2	3	3
Total	1,500	1,032	287	109	22	3	47	6	116	359	1,019

**TABLE 8-9 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY DRIVER AGE, GENDER, AND TYPE VEHICLE, 2009**

Age	Total		Type Vehicle										Driver Gender	
	Cnt	%	Car	Truck	Trk& Trail	Pickup Trk	Van	Bus	School Bus	Motorcycle	Oth Mtr V.	?	M	F
Unknown	274	18.3	165	8	33	41	11	2	-	-	14	85	136	53
11-15	1	0.1	1	-	-	-	-	-	-	-	-	-	1	-
16-20	113	7.5	84	3	-	17	2	-	-	-	7	-	72	41
21-25	139	9.3	91	6	3	24	5	-	-	-	10	-	100	39
26-30	134	8.9	72	6	22	20	2	-	-	-	12	-	94	40
31-35	106	7.1	49	5	17	22	1	-	-	1	11	-	80	26
36-40	122	8.1	44	11	22	25	4	1	-	1	14	-	93	29
41-45	113	7.5	56	6	19	16	7	-	-	-	9	-	80	33
46-50	114	7.6	46	8	25	18	3	2	-	1	11	-	80	34
51-55	102	6.8	45	8	21	17	4	-	-	1	6	-	77	25
56-60	74	4.9	28	7	20	12	3	-	-	1	3	-	60	14
61-65	59	3.9	30	3	9	11	4	-	-	-	2	-	45	14
66-70	48	3.2	24	2	9	8	2	-	1	-	2	-	36	12
Other	101	6.7	64	7	2	16	9	-	-	-	3	-	72	29
Total	1,500	100.0	799	80	202	247	57	5	1	5	104	85	1,026	389

TABLE 8-10 MOTOR VEHICLES THAT STRUCK CONSIST AT PUBLIC CROSSINGS, BY CONSIST LENGTH, PORTION OF TRAIN STRUCK AND WARNING TYPE, 2009

Consist Length	Position of Consist Struck						Type of Warning							
	Total	1st car/loco	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Unknown	Other	Cross bucks	Stop signs	Special warning	HWTS,WW,Bells	Flashing lights	Gates
???	2	-	2	-	-	-	-	-	-	-	-	-	1	1
1	37	37	-	-	-	-	2	1	11	3	-	-	7	13
2-5	39	32	1	-	2	4	-	-	11	6	1	-	11	10
6-10	45	28	3	7	2	5	1	-	17	3	4	-	9	11
11-15	20	12	3	1	-	4	-	-	7	1	1	-	9	2
16-20	12	7	3	1	-	1	-	-	5	1	-	-	2	4
21-25	16	7	4	1	1	3	-	-	4	-	1	1	5	5
26-30	5	3	1	-	-	1	-	-	2	-	-	-	2	1
31-35	8	5	2	1	-	-	-	-	4	1	-	-	1	2
36-40	7	4	2	-	-	1	-	-	1	1	-	-	4	1
41-45	5	3	-	1	1	-	-	-	1	1	-	-	2	1
46-50	5	2	1	-	-	2	-	-	-	1	-	-	1	3
51-60	23	12	3	2	2	4	-	-	7	1	-	-	6	9
61-70	15	10	3	1	-	1	-	-	4	3	-	-	3	5
71-80	19	8	6	1	2	2	1	-	6	-	-	-	3	9
81-90	13	6	3	2	1	1	-	-	4	-	-	-	2	7
91-100	2	1	-	-	1	-	-	-	-	-	-	-	1	1
> 100	46	16	13	9	4	4	-	-	8	3	-	-	11	24
-Total	319	193	50	27	16	33	4	1	92	25	7	1	80	109

TABLE 8-11 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS, BY CONSIST LENGTH, TYPE CONSIST, AND DRIVER GENDER, 2009

Rail Equip Struck Highway User

Consist Length											Driver Gender	
	Total	Freight Train	Psgr Comm Trn	Work Train	Car(s)	Yard Switch	Light loco(s)	A	?	M	F	
???	-	-	-	-	-	-	-	-	-	-	-	-
1	48	-	-	-	17	-	23	8	-	33	15	
2-5	125	27	49	1	-	11	37	-	3	94	28	
6-10	130	40	69	1	-	18	2	-	10	79	41	
11-15	72	35	28	-	-	9	-	-	6	45	21	
16-20	46	36	-	1	-	9	-	-	2	34	10	
21-25	45	37	1	1	1	5	-	-	-	31	14	
26-30	30	28	-	1	-	1	-	-	4	18	8	
31-35	46	43	-	1	-	2	-	-	5	34	7	
36-40	23	22	-	1	-	-	-	-	3	10	10	
41-45	37	35	-	1	-	1	-	-	2	22	13	
46-50	40	38	2	-	-	-	-	-	3	29	8	
51-60	62	62	-	-	-	-	-	-	4	48	10	
61-70	84	83	-	1	-	-	-	-	8	58	18	
71-80	72	70	-	1	-	1	-	-	3	49	20	
81-90	51	50	-	-	-	1	-	-	4	34	13	
91-100	63	63	-	-	-	-	-	-	4	41	18	
> 100	207	207	-	-	-	-	-	-	12	143	52	
Total	1,181	876	149	10	18	58	62	8	73	802	306	

Highway User Struck Rail Equip

Consist Length											Driver Gender	
	Total	Freight Train	Psgr Comm Trn	Work Train	Car(s)	Yard Switch	Light loco(s)	A	?	M	F	
???	2	-	-	-	-	-	-	2	-	2	-	
1	37	-	-	-	15	-	15	7	1	25	11	
2-5	39	14	7	1	-	5	11	1	3	26	10	
6-10	45	21	11	-	-	13	-	-	1	31	13	
11-15	20	12	3	-	1	4	-	-	2	10	8	
16-20	12	10	-	-	-	2	-	-	-	10	2	
21-25	16	9	-	-	1	6	-	-	-	9	7	
26-30	5	5	-	-	-	-	-	-	-	5	-	
31-35	8	5	-	-	-	3	-	-	-	5	3	
36-40	7	7	-	-	-	-	-	-	-	4	3	
41-45	5	4	-	-	-	1	-	-	-	4	1	
46-50	5	4	-	-	-	1	-	-	-	5	-	
51-60	23	19	-	-	-	4	-	-	-	17	6	
61-70	15	14	-	-	-	1	-	-	2	8	5	
71-80	19	19	-	-	-	-	-	-	2	14	3	
81-90	13	12	-	-	-	1	-	-	1	6	6	
91-100	2	2	-	-	-	-	-	-	-	1	1	
> 100	46	46	-	-	-	-	-	-	-	42	4	
Total	319	203	21	1	17	41	26	10	12	224	83	

**TABLE 8-12 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY TYPE CONSIST, NUMBER OF PEOPLE ON TRAIN, AND TYPE PERSON HURT, 2009**

Consist	People on Train		Total		Hwy User		RR Employees		Others	
	Total	Avg	Kld	Nonfatal	Kld	Nonfatal	Kld	Nonfatal	Kld	Nonfatal
Freight Train	2,308	2	96	392	96	357	0	35	0	0
Psgr Train	16,370	134	35	94	35	49	0	10	0	35
Commuter Train	8,798	183	13	26	13	17	0	1	0	8
Work Train	29	3	-	5	0	5	0	0	0	0
Single Car	3	2	-	1	0	1	0	0	0	0
Cut of Cars	3	2	-	4	0	4	0	0	0	0
Yard/ Switch	240	2	4	18	4	17	0	1	0	0
Light loco(s)	201	2	12	35	12	32	0	3	0	0
Maint Insp car	40	1	-	12	0	11	0	1	0	0
Spec MOW Eqp	26	1	1	3	1	2	0	1	0	0
Total	28,018	19	161	590	161	495	0	52	0	43

**TABLE 8-13 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY TYPE VEHICLE, NUMBER OF OCCUPANTS, AND VEHICLE DAMAGE, 2009**

Vehicle	People in Vehicles		Reported Vehicle Damage		Total		Hwy User		RR Employees		Others	
	Total	Avg	Total	Avg	Kld	Nonfatal	Kld	Nonfatal	Kld	Nonfatal	Kld	Nonfatal
Car	924	1	3,409,018	4,267	101	257	101	248	0	3	0	6
Truck	89	1	879,600	10,995	15	43	15	26	0	8	0	9
Trk& Trail	183	1	3,314,999	16,411	5	94	5	40	0	35	0	19
Pickup Trk	2,780	11	1,244,986	5,040	21	88	21	85	0	2	0	1
Van	92	2	197,285	3,461	7	35	7	33	0	2	0	0
Bus	14	3	125,000	25,000	-	18	0	9	0	2	0	7
School Bus	9	9	0	0	-	-	0	0	0	0	0	0
Motorcycle	4	1	21,000	4,200	1	4	1	3	0	0	0	1
Oth Mtr V.	124	1	644,321	6,195	11	51	11	51	0	0	0	0
Total	4,219	3	9,836,209	6,557	161	590	161	495	0	52	0	43

**TABLE 8-14 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY TYPE WARNING, POSITION ON CROSSING AND IF HAZMAT WAS RELEASED, 2009**

Rail Equip Struck Highway User

Type Warning	Total		Position on Crossing				Hazmat Released By				
	Cnt	%	Stalled	Stopped	Moving	Trapped	Unk	Hwy User	Rail User	Both	Neither
Unknown	5	0.3	-	1	4	-	-	1	-	-	4
Other	1	0.1	-	-	1	-	-	-	-	-	1
Cross bucks	320	21.3	11	73	232	4	-	-	78	1	241
Stop signs	120	8.0	6	24	89	1	1	1	40	-	78
Special warning	9	0.6	-	1	8	-	-	-	-	-	9
HWTS,WW,Bells	12	0.8	-	3	8	1	-	1	-	-	11
Flashing lights	178	11.9	4	56	117	1	-	2	35	-	141
Gates	536	35.7	85	272	152	27	-	3	128	2	403
Total	1,181	78.7	106	430	611	34	1	8	281	3	888

Highway User Struck Rail Equip

Type Warning	Total		Position on Crossing				Hazmat Released By				
	Cnt	%	Stalled	Stopped	Moving	Trapped	Unk	Hwy User	Rail User	Both	Neither
Unknown	4	0.3	-	-	4	-	-	-	-	-	4
Other	1	0.1	-	-	1	-	-	-	-	-	1
Cross bucks	92	6.1	-	1	91	-	-	-	19	-	73
Stop signs	25	1.7	-	-	25	-	-	-	4	-	21
Special warning	7	0.5	-	-	7	-	-	-	-	-	7
HWTS,WW,Bells	1	0.1	-	-	1	-	-	-	-	-	1
Flashing lights	80	5.3	-	-	80	-	-	-	14	1	65
Gates	109	7.3	-	1	107	1	-	-	27	-	82
Total	319	21.3	-	2	316	1	-	-	64	1	254

Grand Total

Type Warning	Total		Position on Crossing				Hazmat Released By				
	Cnt	%	Stalled	Stopped	Moving	Trapped	Unk	Hwy User	Rail User	Both	Neither
Unknown	9	0.6	-	1	8	-	-	1	-	-	8
Other	2	0.1	-	-	2	-	-	-	-	-	2
Cross bucks	412	27.5	11	74	323	4	-	-	97	1	314
Stop signs	145	9.7	6	24	114	1	1	1	44	-	99
Special warning	16	1.1	-	1	15	-	-	-	-	-	16
HWTS,WW,Bells	13	0.9	-	3	9	1	-	1	-	-	12
Flashing lights	258	17.2	4	56	197	1	-	2	49	1	206
Gates	645	43.0	85	273	259	28	-	3	155	2	485
Total	1,500	100.0	106	432	927	35	1	8	345	4	1,142

TABLE 8-15 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSINGS,
BY TYPE VEHICLE AND WARNING, 2009

Rail Equip Struck Highway User

Type Vehicle	Total		Unknown	Other	Cross bucks	Stop signs	Special warning	HWTS,WW,Bells	Flashing	
	Cnt	%							lights	Gates
Car	602	40.1	3	-	133	42	3	6	101	314
Truck	65	4.3	1	-	14	16	-	2	15	17
Trk& Trail	187	12.5	-	-	52	37	3	1	24	70
Pickup Trk	187	12.5	-	-	74	14	1	2	22	74
Van	47	3.1	1	1	14	6	-	1	1	23
Bus	4	0.3	-	-	-	-	-	-	1	3
School Bus	1	0.1	-	-	-	-	-	-	-	1
Motorcycle	3	0.2	-	-	-	-	-	-	1	2
Oth Mtr V.	85	5.7	-	-	33	5	2	-	13	32
Total	1,181	78.7	5	1	320	120	9	12	178	536

Highway User Struck Rail Equip

Type Vehicle	Total		Unknown	Other	Cross bucks	Stop signs	Special warning	HWTS,WW,Bells	Flashing	
	Cnt	%							lights	Gates
Car	197	13.1	2	1	50	19	3	-	49	73
Truck	15	1.0	1	-	3	-	1	1	3	6
Trk& Trail	15	1.0	-	-	5	1	-	-	6	3
Pickup Trk	60	4.0	-	-	23	4	1	-	11	21
Van	10	0.7	1	-	-	-	1	-	5	3
Bus	1	0.1	-	-	-	-	1	-	-	-
School Bus	-	0.0	-	-	-	-	-	-	-	-
Motorcycle	2	0.1	-	-	-	-	-	-	1	1
Oth Mtr V.	19	1.3	-	-	11	1	-	-	5	2
Total	319	21.3	4	1	92	25	7	1	80	109

Grand Total

Type Vehicle	Total		Unknown	Other	Cross bucks	Stop signs	Special warning	HWTS,WW,Bells	Flashing	
	Cnt	%							lights	Gates
Car	799	53.3	5	1	183	61	6	6	150	387
Truck	80	5.3	2	-	17	16	1	3	18	23
Trk& Trail	202	13.5	-	-	57	38	3	1	30	73
Pickup Trk	247	16.5	-	-	97	18	2	2	33	95
Van	57	3.8	2	1	14	6	1	1	6	26
Bus	5	0.3	-	-	-	-	1	-	1	3
School Bus	1	0.1	-	-	-	-	-	-	-	1
Motorcycle	5	0.3	-	-	-	-	-	-	2	3
Oth Mtr V.	104	6.9	-	-	44	6	2	-	18	34
Total	1,500	100.0	9	2	412	145	16	13	258	645

**TABLE 8-16 MOTOR VEHICLE HRC INCIDENTS AT PUBLIC CROSSING,
BY WARNING STATUS FOR ACCIDENTS OCCURRING AT CROSSINGS
WITH TRAIN ACTIVATED DEVICES BY TYPE VEHICLE, 2009**

Rail Equip Struck Highway User

Type Vehicle	Status of Warning System							
	Total	Unknown	Provided Minimum 20 Secs.	Alleged > 60 Secs.	Alleged < 20 Secs.	Alleged No Warning	Confirm < 20 Secs.	Confirm No Warning
Car	421	-	398	7	4	3	1	8
Truck	34	2	30	1	-	-	-	1
Trk & Trail	95	-	87	5	2	-	-	1
Pickup Trk	98	-	88	3	-	-	-	7
Van	25	-	23	-	-	-	-	2
Bus	4	-	4	-	-	-	-	-
School Bus	1	-	1	-	-	-	-	-
Motorcycle	3	-	3	-	-	-	-	-
Oth Mtr V.	45	-	43	1	1	-	-	-
Total	726	2	677	17	7	3	1	19

Highway User Struck Rail Equip

Type Vehicle	Status of Warning System							
	Total	Unknown	Provided Minimum 20 Secs.	Alleged > 60 Secs.	Alleged < 20 Secs.	Alleged No Warning	Confirm < 20 Secs.	Confirm No Warning
Car	122	-	114	1	2	-	-	5
Truck	10	-	9	-	-	-	-	1
Trk & Trail	9	-	8	-	1	-	-	-
Pickup Trk	32	-	29	-	2	-	-	1
Van	8	-	6	-	-	1	-	1
Bus	-	-	-	-	-	-	-	-
School Bus	-	-	-	-	-	-	-	-
Motorcycle	2	-	2	-	-	-	-	-
Oth Mtr V.	7	-	6	-	1	-	-	-
Total	190	-	174	1	6	1	-	8

Grand Total

Type Vehicle	Status of Warning System							
	Total	Unknown	Provided Minimum 20 Secs.	Alleged > 60 Secs.	Alleged < 20 Secs.	Alleged No Warning	Confirm < 20 Secs.	Confirm No Warning
Car	543	-	512	8	6	3	1	13
Truck	44	2	39	1	-	-	-	2
Trk & Trail	104	-	95	5	3	-	-	1
Pickup Trk	130	-	117	3	2	-	-	8
Van	33	-	29	-	-	1	-	3
Bus	4	-	4	-	-	-	-	-
School Bus	1	-	1	-	-	-	-	-
Motorcycle	5	-	5	-	-	-	-	-
Oth Mtr V.	52	-	49	1	2	-	-	-
Total	916	2	851	18	13	4	1	27

TABLE 9-1 AT-GRADE HIGHWAY-RAIL CROSSINGS BY RAILROAD, 2009

Railroads	Total		Pedestrian		Private Vehicle		Public Vehicle	
	Cnt	%	Cnt	%	Cnt	%	Cnt	%
Alton & Southern	39	0.0	-	-	24	0.0	15	0.0
Alaska RR Corp.	272	0.1	5	0.0	97	0.0	170	0.1
Amtrak	281	0.1	18	0.0	69	0.0	194	0.1
Bangor & Aroostook	1	0.0	-	-	1	0.0	-	-
Burlington Northern Santa Fe	26,937	12.2	185	0.1	9,511	4.3	17,241	7.8
Buffalo & Pittsburg	823	0.4	9	0.0	398	0.2	416	0.2
Belt Rwy Of Chicago	99	0.0	-	-	61	0.0	38	0.0
Canadian National	10,544	4.8	133	0.1	3,911	1.8	6,500	2.9
Canadian Pacific	6,872	3.1	74	0.0	2,952	1.3	3,846	1.7
Conrail Shared Assets	1,221	0.6	8	0.0	284	0.1	929	0.4
CSX Transportation	25,587	11.6	295	0.1	8,806	4.0	16,486	7.5
Florida East Coast	841	0.4	12	0.0	107	0.0	722	0.3
Guilford Rail System	1,193	0.5	12	0.0	520	0.2	661	0.3
Other Railroads	73,562	33.3	646	0.3	30,023	13.6	42,893	19.4
Indiana Harbor Belt	135	0.1	1	0.0	60	0.0	74	0.0
Kansas City Southern	4,544	2.1	10	0.0	1,804	0.8	2,730	1.2
Long Island Rail Road	333	0.2	9	0.0	45	0.0	279	0.1
MD Assn. of Rail Comm	133	0.1	4	0.0	78	0.0	51	0.0
Mass Bay Transit Auth.	388	0.2	11	0.0	74	0.0	303	0.1
Metro North Commuter	163	0.1	4	0.0	70	0.0	89	0.0
Montana Rail Link	1,125	0.5	3	0.0	705	0.3	417	0.2
Northern IN Comm Trans	138	0.1	7	0.0	23	0.0	108	0.0
Northeast IL Reg Comm	397	0.2	115	0.1	28	0.0	254	0.1
New Jersey Transit Rail	449	0.2	25	0.0	89	0.0	335	0.2
Norfolk Southern Corp.	26,780	12.1	139	0.1	10,189	4.6	16,452	7.4
Paducah & Louisville	374	0.2	4	0.0	149	0.1	221	0.1
Port Auth Trans Hudson	2	0.0	-	-	2	0.0	-	-
Port Terminal RR Assn	171	0.1	1	0.0	101	0.0	69	0.0
Southern CA Reg Rail Auth.	309	0.1	15	0.0	34	0.0	260	0.1
Southeastern PA Trans.	249	0.1	11	0.0	25	0.0	213	0.1
Term RR Assn Of St. Louis	125	0.1	-	-	11	0.0	114	0.1
Union Pacific	35,845	16.2	228	0.1	12,758	5.8	22,859	10.3
Union RR (Pittsburgh)	53	0.0	6	0.0	39	0.0	8	0.0
Wheeling & Lake Erie	967	0.4	8	0.0	414	0.2	545	0.2
Total	220,952	100.0	1,998	0.9	83,462	37.8	135,492	61.3

TABLE 9-2 AT-GRADE HIGHWAY-RAIL CROSSINGS BY STATE, 2009

States	Total		Pedestrian		Private Vehicle		Public Vehicle	
	Cnt	%	Cnt	%	Cnt	%	Cnt	%
Alabama	4,549	2.1	19	0.0	1,696	0.8	2,834	1.3
Alaska	276	0.1	5	0.0	97	0.0	174	0.1
Arizona	1,290	0.6	6	0.0	509	0.2	775	0.4
Arkansas	4,408	2.0	8	0.0	1,429	0.6	2,971	1.3
California	10,270	4.6	163	0.1	3,651	1.7	6,456	2.9
Colorado	2,839	1.3	27	0.0	1,083	0.5	1,729	0.8
Connecticut	645	0.3	9	0.0	269	0.1	367	0.2
Delaware	388	0.2	2	0.0	118	0.1	268	0.1
Dist Of Columbia	34	0.0	10	0.0	19	0.0	5	0.0
Florida	5,250	2.4	63	0.0	1,294	0.6	3,893	1.8
Georgia	7,949	3.6	47	0.0	2,401	1.1	5,501	2.5
Hawaii	8	0.0	-	-	-	-	8	0.0
Idaho	2,447	1.1	13	0.0	1,146	0.5	1,288	0.6
Illinois	12,265	5.6	341	0.2	4,091	1.9	7,833	3.5
Indiana	7,951	3.6	47	0.0	1,976	0.9	5,928	2.7
Iowa	7,291	3.3	42	0.0	2,845	1.3	4,404	2.0
Kansas	8,127	3.7	23	0.0	2,655	1.2	5,449	2.5
Kentucky	4,808	2.2	35	0.0	2,410	1.1	2,363	1.1
Louisiana	5,619	2.5	31	0.0	2,562	1.2	3,026	1.4
Maine	1,787	0.8	10	0.0	941	0.4	836	0.4
Maryland	1,323	0.6	20	0.0	658	0.3	645	0.3
Massachusetts	1,377	0.6	27	0.0	515	0.2	835	0.4
Michigan	7,242	3.3	81	0.0	2,279	1.0	4,882	2.2
Minnesota	7,129	3.2	60	0.0	2,509	1.1	4,560	2.1
Mississippi	4,209	1.9	16	0.0	1,911	0.9	2,282	1.0
Missouri	6,809	3.1	46	0.0	2,789	1.3	3,974	1.8
Montana	3,273	1.5	13	0.0	1,860	0.8	1,400	0.6
Nebraska	4,970	2.2	6	0.0	1,943	0.9	3,021	1.4
Nevada	524	0.2	3	0.0	236	0.1	285	0.1
New Hampshire	598	0.3	16	0.0	234	0.1	348	0.2
New Jersey	2,165	1.0	50	0.0	543	0.2	1,572	0.7
New Mexico	1,235	0.6	8	0.0	498	0.2	729	0.3
New York	5,330	2.4	72	0.0	2,575	1.2	2,683	1.2
North Carolina	7,000	3.2	52	0.0	2,934	1.3	4,014	1.8
North Dakota	4,786	2.2	15	0.0	1,274	0.6	3,497	1.6
Ohio	8,910	4.0	39	0.0	2,847	1.3	6,024	2.7
Oklahoma	5,281	2.4	14	0.0	1,374	0.6	3,893	1.8
Oregon	4,302	1.9	73	0.0	2,177	1.0	2,052	0.9
Pennsylvania	6,589	3.0	111	0.1	2,663	1.2	3,815	1.7
Rhode Island	138	0.1	26	0.0	39	0.0	73	0.0
South Carolina	3,988	1.8	17	0.0	1,239	0.6	2,732	1.2
South Dakota	3,013	1.4	7	0.0	1,074	0.5	1,932	0.9
Tennessee	4,705	2.1	26	0.0	1,834	0.8	2,845	1.3
Texas	15,071	6.8	27	0.0	5,236	2.4	9,808	4.4
Utah	1,288	0.6	3	0.0	588	0.3	697	0.3
Vermont	927	0.4	43	0.0	505	0.2	379	0.2
Virginia	4,383	2.0	40	0.0	2,396	1.1	1,947	0.9
Washington	5,238	2.4	46	0.0	2,651	1.2	2,541	1.2
West Virginia	3,410	1.5	53	0.0	1,895	0.9	1,462	0.7
Wisconsin	6,444	2.9	86	0.0	2,288	1.0	4,070	1.8
Wyoming	1,094	0.5	1	0.0	706	0.3	387	0.2
Total	220,952	100.0	1,998	0.9	83,462	37.8	135,492	61.3

TABLE 9-3 PUBLIC AT GRADE BY WARNING DEVICE AND RAILROAD, 2009

Railroads	Total		Unknown	Other	Cross bucks	Stop signs	Special warning	HWTS, WW, Bells	Flashing lights	Gates
	Cnt	%								
Alton & Southern	15	0.01	-	-	3	-	-	-	6	6
Alaska RR Corp.	170	0.13	1	1	58	25	5	-	9	71
Amtrak	194	0.14	10	2	10	6	5	1	5	155
Burlington Northern Santa Fe	17,241	12.72	226	25	7,821	672	107	74	1,880	6,436
Buffalo & Pittsburg	416	0.31	2	1	183	4	5	4	133	84
Belt Rwy Of Chicago	38	0.03	1	-	12	-	-	-	8	17
Canadian National	6,500	4.80	79	14	2,121	890	50	27	1,335	1,984
Canadian Pacific	3,846	2.84	71	3	1,914	439	12	14	459	934
Conrail Shared Assets	929	0.69	75	-	140	15	149	14	404	132
CSX Transportation	16,486	12.17	369	9	3,577	1,325	265	158	3,083	7,700
Florida East Coast	722	0.53	9	-	34	4	27	-	30	618
Guilford Rail System	661	0.49	20	4	149	32	61	8	218	169
Other Railroads	42,893	31.66	1,251	203	21,819	4,653	944	716	7,562	5,745
Indiana Harbor Belt	74	0.05	2	-	12	1	13	-	16	30
Kansas City Southern	2,730	2.01	51	-	1,266	96	12	22	334	949
Long Island Rail Road	279	0.21	1	1	3	-	-	-	-	274
MD Assn. of Rail Comm	51	0.04	7	-	11	6	4	7	9	7
Mass Bay Transit Auth.	303	0.22	13	-	35	2	19	3	24	207
Metro North Commuter	89	0.07	2	-	13	1	7	1	29	36
Montana Rail Link	417	0.31	4	5	206	33	-	-	67	102
Northern IN Comm Trans	108	0.08	-	-	27	5	-	1	37	38
Northeast IL Reg Comm	254	0.19	-	-	-	1	-	-	3	250
New Jersey Transit Rail	335	0.25	3	-	24	-	7	1	68	232
Norfolk Southern Corp.	16,452	12.14	467	54	4,107	1,520	242	100	2,914	7,048
Paducah & Louisville	221	0.16	10	-	86	11	-	1	93	20
Port Terminal RR Assn	69	0.05	6	-	24	3	-	-	11	25
Southern CA Reg Rail Auth.	260	0.19	-	-	4	1	-	5	6	244
Southeastern PA Trans.	213	0.16	31	7	16	11	13	21	42	72
Term RR Assn Of St. Louis	114	0.08	1	-	12	2	39	-	18	42
Union Pacific	22,859	16.87	591	24	8,350	1,754	122	213	2,822	8,983
Union RR (Pittsburgh)	8	0.01	-	-	-	-	-	5	1	2
Wheeling & Lake Erie	545	0.40	8	-	264	22	2	3	133	113
Total	135,492	100.0	3,311	353	52,301	11,534	2,110	1,399	21,759	42,725

TABLE 9-4 PUBLIC AT GRADE BY WARNING DEVICE AND STATE, 2009

States	Total		Unknown	Other	Cross bucks	Stop signs	Special warning	HWTS, WW, Bells	Flashing lights	Gates	AADT
	Cnt	%									
Alabama	2,834	2.09	44	9	734	692	16	87	519	733	5,646,645
Alaska	174	0.13	2	1	61	25	5	-	9	71	488,788
Arizona	775	0.57	11	-	226	73	13	6	47	399	2,676,421
Arkansas	2,971	2.19	111	1	1,651	219	65	83	397	444	3,505,149
California	6,456	4.76	107	16	2,025	237	26	193	794	3,058	35,031,577
Colorado	1,729	1.28	33	6	838	170	21	29	172	460	3,283,817
Connecticut	367	0.27	16	-	27	47	29	5	143	100	1,307,462
Delaware	268	0.20	2	-	22	1	17	1	160	65	1,119,426
Dist Of Columbia	5	0.00	-	-	-	1	2	-	2	-	71,200
Florida	3,893	2.87	89	6	769	148	79	7	509	2,286	20,205,753
Georgia	5,501	4.06	116	8	1,725	1,180	87	108	265	2,012	9,253,833
Hawaii	8	0.01	-	1	6	1	-	-	-	-	27,000
Idaho	1,288	0.95	9	-	415	534	1	4	172	153	1,703,982
Illinois	7,833	5.78	162	5	2,505	89	71	114	1,893	2,994	19,486,882
Indiana	5,928	4.38	126	12	1,522	993	9	71	1,263	1,932	13,612,351
Iowa	4,404	3.25	33	3	2,098	443	20	24	814	969	5,291,034
Kansas	5,449	4.02	68	2	3,403	176	63	68	412	1,257	4,449,606
Kentucky	2,363	1.74	119	-	971	52	46	8	721	446	3,692,964
Louisiana	3,026	2.23	112	10	1,328	206	22	7	487	854	6,196,563
Maine	836	0.62	7	-	273	11	64	4	393	84	1,959,392
Maryland	645	0.48	22	3	210	40	24	20	203	123	2,260,358
Massachusetts	835	0.62	33	3	108	11	61	14	276	329	5,083,059
Michigan	4,882	3.60	119	3	1,035	1,323	82	34	1,231	1,055	13,906,339
Minnesota	4,560	3.37	55	5	2,164	862	12	5	427	1,030	6,348,834
Mississippi	2,282	1.68	65	62	775	430	27	32	416	475	4,172,181
Missouri	3,974	2.93	153	3	1,990	117	63	38	729	881	4,190,502
Montana	1,400	1.03	18	17	854	78	6	1	158	268	1,364,401
Nebraska	3,021	2.23	60	4	1,949	187	4	5	182	630	1,865,698
Nevada	285	0.21	1	2	122	10	2	1	24	123	906,573
New Hampshire	348	0.26	4	1	99	44	33	2	122	43	739,251
New Jersey	1,572	1.16	64	-	288	13	142	17	600	448	9,342,379
New Mexico	729	0.54	13	4	364	17	1	5	87	238	950,150
New York	2,683	1.98	49	15	463	29	104	57	273	1,693	7,469,575
North Carolina	4,014	2.96	168	12	1,309	92	102	24	596	1,711	11,189,668
North Dakota	3,497	2.58	35	1	2,816	65	-	-	32	548	1,040,088
Ohio	6,024	4.45	52	1	2,125	130	42	25	869	2,780	15,378,275
Oklahoma	3,893	2.87	49	7	2,312	93	55	17	506	854	4,269,238
Oregon	2,052	1.51	90	28	696	392	73	33	108	632	4,493,525
Pennsylvania	3,815	2.82	158	72	1,213	136	244	62	1,088	842	10,883,708
Rhode Island	73	0.05	9	1	4	1	9	17	16	16	411,800
South Carolina	2,732	2.02	12	2	526	680	78	9	361	1,064	6,109,344
South Dakota	1,932	1.43	81	-	1,510	35	-	-	252	54	1,131,866
Tennessee	2,845	2.10	76	7	1,108	168	113	16	666	691	5,726,988
Texas	9,808	7.24	322	5	3,589	209	66	54	943	4,620	34,525,365
Utah	697	0.51	27	-	167	135	32	13	96	227	2,635,618
Vermont	379	0.28	5	-	110	27	30	2	175	30	626,338
Virginia	1,947	1.44	46	2	368	32	3	8	333	1,155	5,231,616
Washington	2,541	1.88	222	4	1,245	95	29	27	336	583	4,568,719
West Virginia	1,462	1.08	91	6	638	38	12	5	445	227	1,573,802
Wisconsin	4,070	3.00	40	3	1,430	742	4	32	979	840	8,884,331
Wyoming	387	0.29	5	-	115	5	1	5	58	198	354,102
Total	135,492	100.0	3,311	353	52,301	11,534	2,110	1,399	21,759	42,725	316,643,536

TABLE 9-5 PRIVATE/PEDESTRIAN AT GRADE BY DEVELOPMENT AND RAILROAD, 2009

Railroads	Total		Not reported	Farm	Residential	Recreational	Industrial
	Cnt	%					
Alton & Southern	24	0.03	-	8	4	1	11
Alaska RR Corp.	97	0.12	4	4	15	6	68
Amtrak	69	0.08	1	27	13	2	26
Bangor & Aroostook	1	0.00	-	-	-	-	1
Burlington Northern Santa Fe	9,511	11.39	26	6,531	708	174	2,072
Buffalo & Pittsburg	398	0.48	5	165	88	23	117
Belt Rwy Of Chicago	61	0.07	-	-	-	-	61
Canadian National	3,912	4.68	25	2,095	369	72	1,351
Canadian Pacific	2,955	3.54	28	2,130	269	81	447
Conrail Shared Assets	284	0.34	5	40	22	4	213
CSX Transportation	8,815	10.55	374	4,569	1,647	154	2,071
Florida East Coast	109	0.13	84	3	2	1	19
Guilford Rail System	520	0.62	-	154	51	20	295
Other Railroads	30,057	35.98	492	17,627	3,992	716	7,230
Indiana Harbor Belt	60	0.07	4	-	-	-	56
Kansas City Southern	1,804	2.16	15	1,270	201	9	309
Long Island Rail Road	45	0.05	-	33	3	3	6
MD Assn. of Rail Comm	78	0.09	-	50	10	2	16
Mass Bay Transit Auth.	74	0.09	3	24	14	5	28
Metro North Commuter	70	0.08	1	13	11	9	36
Montana Rail Link	705	0.84	-	489	61	16	139
Northern IN Comm Trans	28	0.03	8	6	-	2	12
Northeast IL Reg Comm	39	0.05	9	2	7	1	20
New Jersey Transit Rail	89	0.11	1	35	17	4	32
Norfolk Southern Corp.	10,199	12.21	763	4,936	2,241	139	2,120
Paducah & Louisville	149	0.18	1	64	34	-	50
Port Auth Trans Hudson	2	0.00	-	1	-	-	1
Port Terminal RR Assn	101	0.12	-	2	-	-	99
Southern CA Reg Rail Auth.	36	0.04	1	9	7	3	16
Southeastern PA Trans.	25	0.03	-	9	4	2	10
Term RR Assn Of St. Louis	11	0.01	-	3	-	-	8
Union Pacific	12,758	15.27	142	8,158	1,172	142	3,144
Union RR (Pittsburgh)	39	0.05	-	-	-	-	39
Wheeling & Lake Erie	414	0.50	2	217	38	6	151
Total	83,539	100.0	1,994	48,674	11,000	1,597	20,274

TABLE 9-6 PRIVATE/PEDESTRIAN AT GRADE BY TYPE DEVELOPMENT AND STATE, 2009

States	Total		Not reported	Farm	Residential	Recreational	Industrial
	Cnt	%					
Alabama	1,697	2.03	25	890	292	19	471
Alaska	97	0.12	4	4	15	6	68
Arizona	509	0.61	5	299	20	12	173
Arkansas	1,429	1.71	9	923	208	18	271
California	3,654	4.37	54	1,736	273	94	1,497
Colorado	1,083	1.30	18	655	197	14	199
Connecticut	269	0.32	3	54	36	33	143
Delaware	118	0.14	3	50	36	5	24
Dist Of Columbia	27	0.03	1	-	1	-	25
Florida	1,304	1.56	207	414	179	24	480
Georgia	2,401	2.87	14	1,245	541	32	569
Idaho	1,146	1.37	1	724	53	22	346
Illinois	4,102	4.91	32	2,565	370	60	1,075
Indiana	1,986	2.38	108	1,191	356	20	311
Iowa	2,845	3.41	26	2,015	287	39	478
Kansas	2,655	3.18	-	2,195	131	5	324
Kentucky	2,410	2.88	3	1,371	654	15	367
Louisiana	2,562	3.07	3	1,285	408	22	844
Maine	941	1.13	14	385	128	105	309
Maryland	658	0.79	20	338	81	12	207
Massachusetts	515	0.62	8	154	67	36	250
Michigan	2,280	2.73	15	1,124	331	114	696
Minnesota	2,513	3.01	8	1,790	219	52	444
Mississippi	1,911	2.29	18	1,176	352	12	353
Missouri	2,789	3.34	8	2,002	301	22	456
Montana	1,860	2.23	-	1,445	104	28	283
Nebraska	1,943	2.33	1	1,698	68	11	165
Nevada	236	0.28	140	31	2	17	46
New Hampshire	237	0.28	1	105	50	27	54
New Jersey	544	0.65	13	147	52	13	319
New Mexico	498	0.60	-	351	24	19	104
New York	2,583	3.09	35	1,655	342	148	403
North Carolina	2,936	3.51	17	1,320	838	31	730
North Dakota	1,274	1.53	-	1,155	14	4	101
Ohio	2,849	3.41	28	1,780	313	35	693
Oklahoma	1,374	1.64	2	972	132	11	257
Oregon	2,177	2.61	4	935	316	34	888
Pennsylvania	2,665	3.19	44	1,003	493	125	1,000
Rhode Island	49	0.06	-	5	8	6	30
South Carolina	1,239	1.48	3	556	302	23	355
South Dakota	1,074	1.29	5	911	60	4	94
Tennessee	1,835	2.20	15	940	381	23	476
Texas	5,236	6.27	11	3,425	543	37	1,220
Utah	588	0.70	2	337	26	14	209
Vermont	505	0.60	-	349	55	16	85
Virginia	2,396	2.87	1,029	869	189	19	290
Washington	2,651	3.17	26	1,247	375	57	946
West Virginia	1,895	2.27	7	813	596	45	434
Wisconsin	2,288	2.74	2	1,489	169	48	580
Wyoming	706	0.85	2	551	12	9	132
Total	83,539	100.0	1,994	48,674	11,000	1,597	20,274

TABLE 10-1 REPORTABLE CONDITIONS TO TRESPASSERS NOT AT HRC, 2009

Condition	Tot	Unk	Age of Trespasser												
			1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	> 60
Bruise/contusion	69	6	-	2	1	9	7	7	11	7	5	6	4	3	1
Crushing injury	14	1	-	-	-	2	4	3	-	1	2	-	-	1	-
Sprain/Str.,leg/foot	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Sprain/Str.,torso	11	1	-	-	-	2	3	1	1	-	1	-	1	-	1
Sprain/Str., other	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Cut/abrasion	95	11	-	2	3	8	16	11	6	14	4	5	6	6	3
Dislocation	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Fracture,arm/hand	8	1	-	-	-	2	1	-	-	1	1	1	1	-	-
Fracture,leg/foot	21	4	-	-	1	3	2	1	1	5	2	1	1	-	-
Fracture,head/face	10	1	-	-	-	2	1	-	-	1	1	1	1	1	1
Fracture,torso	7	-	-	1	-	1	1	1	-	-	1	-	2	-	-
Fracture,multiple	9	-	-	-	1	1	1	-	2	-	2	1	1	-	-
Fracture,other	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Amputation,other	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Amputation,arm/hand	7	2	-	-	-	-	1	2	-	-	-	2	-	-	-
Amputation,leg/foot	36	5	-	1	2	6	4	3	1	4	2	1	2	3	2
Fatality	428	51	2	2	9	36	45	36	32	44	47	38	36	20	30
Object in eye	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Concussion	4	-	-	-	-	-	-	-	-	-	1	1	-	2	-
Internal injury	5	1	1	-	-	-	1	-	-	1	1	-	-	-	-
Unspecified injury	41	6	2	-	4	6	4	3	1	2	8	2	1	2	-
One-time exp.-fumes	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Total	774	91	5	9	22	79	91	69	56	81	78	59	57	38	39

TABLE 10-2 TRESPASSERS KILLED, BY RAILROAD AND AGE, NOT AT HRC, 2009

Railroads	Age of Trespasser														
	Tot	Unk	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	> 60
Alaska RR Corp.	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Amtrak	86	5	-	1	4	7	5	8	7	11	8	9	9	3	9
Burlington Northern Santa Fe	77	10	1	-	-	7	13	9	4	5	8	5	7	2	6
Canadian National	5	-	-	-	-	-	-	-	-	3	1	1	-	-	-
Canadian Pacific	3	-	-	-	-	1	2	-	-	-	-	-	-	-	-
Conrail Shared Assets	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
CSX Transportation	69	20	-	-	2	8	7	6	3	4	5	4	3	3	4
Florida East Coast	9	-	-	-	-	-	2	-	1	1	-	-	3	2	-
Guilford Rail System	3	-	-	-	-	-	1	-	-	-	1	1	-	-	-
Kansas City Southern	4	-	-	-	-	1	2	-	-	-	1	-	-	-	-
Long Island Rail Road	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Mass Bay Transit Auth.	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1
Metro North Commuter	4	-	-	-	-	-	-	-	1	1	1	-	1	-	-
Montana Rail Link	2	-	-	-	-	-	1	-	-	-	-	1	-	-	-
Northeast IL Reg Comm	6	-	-	-	-	-	1	-	2	1	1	1	-	-	-
New Jersey Transit Rail	16	-	-	-	-	1	-	2	4	1	1	3	1	1	2
Norfolk Southern Corp.	59	-	1	1	2	3	3	4	1	10	11	8	5	7	3
Peninsula Comm San Mateo Cnty	11	9	-	-	1	-	-	-	-	-	-	-	-	-	1
Southern CA Reg Rail Auth.	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Southeastern PA Trans.	3	1	-	-	-	2	-	-	-	-	-	-	-	-	-
Union Pacific	52	-	-	-	-	5	6	7	8	7	8	4	4	-	3
Other Railroads	9	1	-	-	-	-	2	-	-	-	1	1	2	2	-
Total	428	51	2	2	9	36	45	36	32	44	47	38	36	20	30

TABLE 10-3 TRESPASSERS KILLED, BY STATE AND AGE, NOT AT HRC, 2009

States	Age of Trespasser														
	Tot	Unk	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	> 60
Alabama	7	-	-	-	-	-	-	-	-	2	2	1	-	2	-
Alaska	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Arizona	8	1	-	-	-	-	1	2	1	1	-	-	1	-	1
California	57	11	-	-	1	3	3	2	7	4	5	3	8	2	8
Colorado	2	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Connecticut	3	-	-	-	-	-	-	1	-	-	1	-	1	-	-
Delaware	2	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Dist Of Columbia	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	19	4	-	-	-	1	3	-	1	1	1	1	4	2	1
Georgia	10	4	-	-	-	2	-	2	-	-	-	-	2	-	-
Idaho	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-
Illinois	21	-	-	1	-	2	2	2	2	6	4	2	-	-	-
Indiana	13	1	-	-	-	1	2	2	-	2	1	1	-	3	-
Iowa	3	-	-	-	-	2	-	-	-	-	-	-	1	-	-
Kansas	4	-	-	-	-	-	-	-	-	-	-	3	1	-	-
Kentucky	5	-	-	-	-	-	2	-	-	-	1	1	-	-	1
Louisiana	10	-	-	-	-	-	1	2	1	-	3	1	2	-	-
Maine	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Maryland	5	1	-	-	2	-	-	1	1	-	-	-	-	-	-
Massachusetts	11	3	-	-	-	1	2	-	-	1	1	2	-	-	1
Michigan	8	-	-	-	1	1	-	-	-	-	-	4	2	-	-
Minnesota	9	1	-	-	-	1	2	2	1	-	-	-	1	1	-
Mississippi	6	3	-	-	-	-	-	1	-	-	1	-	-	-	1
Missouri	12	1	-	-	-	1	3	1	1	2	2	1	-	-	-
Montana	3	-	1	-	-	-	1	-	-	-	-	1	-	-	-
Nebraska	3	1	-	-	-	-	-	1	-	-	-	-	-	1	-
New Jersey	20	-	-	-	-	1	2	2	3	2	2	3	1	1	3
New Mexico	10	1	-	-	-	1	-	1	1	-	1	1	2	-	2
New York	18	2	-	-	-	3	-	3	2	2	2	-	1	-	3
North Carolina	15	2	-	1	2	-	1	-	1	5	2	-	1	-	-
Ohio	23	2	-	-	-	4	2	2	1	3	1	3	2	1	2
Oklahoma	7	1	-	-	-	3	-	1	-	1	-	1	-	-	-
Oregon	4	-	-	-	-	-	-	-	1	1	1	1	-	-	-
Pennsylvania	30	4	1	-	1	4	1	-	2	3	5	2	1	5	1
Rhode Island	3	-	-	-	-	-	-	-	-	1	-	1	1	-	-
South Carolina	6	-	-	-	-	-	-	3	-	-	1	1	1	-	-
South Dakota	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Tennessee	4	-	-	-	-	1	-	-	-	2	-	-	1	-	-
Texas	31	4	-	-	-	1	8	3	4	2	6	1	-	-	2
Utah	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Virginia	7	2	-	-	-	1	-	-	-	-	1	1	-	1	1
Washington	14	-	-	-	2	1	3	-	1	2	1	1	1	-	2
West Virginia	5	-	-	-	-	-	-	1	1	-	-	1	1	1	-
Wisconsin	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Wyoming	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Total	428	51	2	2	9	36	45	36	32	44	47	38	36	20	30

TABLE 10-4 TRESPASSERS INJURED, BY RAILROAD AND AGE, NOT AT HRC, 2009

Railroads	Cnt	%	Age of Trespasser													
			Unk	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	> 60
Amtrak	33	9.5	4	-	1	1	5	4	4	1	1	2	3	5	1	1
Burlington Northern Santa Fe	45	13.0	5	-	2	2	5	3	6	-	3	7	3	2	4	3
Belt Rwy Of Chicago	1	0.3	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Canadian National	5	1.4	-	-	1	-	1	-	-	-	1	1	1	-	-	-
Canadian Pacific	6	1.7	1	-	-	-	1	4	-	-	-	-	-	-	-	-
Conrail Shared Assets	1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	1	-
CSX Transportation	65	18.8	17	2	1	6	9	6	2	3	3	3	3	5	5	-
Florida East Coast	2	0.6	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Guilford Rail System	1	0.3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Kansas City Southern	8	2.3	-	-	-	-	2	1	-	1	1	1	2	-	-	-
Long Island Rail Road	7	2.0	-	-	-	-	-	-	1	1	1	-	1	1	2	-
Mass Bay Transit Auth.	3	0.9	2	-	-	-	-	-	-	1	-	-	-	-	-	-
Metro North Commuter	3	0.9	-	-	-	-	-	-	-	1	1	1	-	-	-	-
Montana Rail Link	1	0.3	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Northeast IL Reg Comm	8	2.3	-	-	-	-	1	-	-	1	-	2	1	2	-	1
New Jersey Transit Rail	2	0.6	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Norfolk Southern Corp.	50	14.5	1	-	-	3	6	9	9	3	8	1	3	2	2	3
Paducah & Louisville	1	0.3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Peninsula Comm San Mateo Cnty	2	0.6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Southern CA Reg Rail Auth.	1	0.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Southeastern PA Trans.	3	0.9	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Union Pacific	90	26.0	-	1	2	1	11	15	8	11	17	12	4	4	3	1
Other Railroads	8	2.3	4	-	-	-	1	1	1	-	1	-	-	-	-	-
Total	346	100	40	3	7	13	43	46	33	24	37	31	21	21	18	9

TABLE 10-5 TRESPASSERS INJURED, BY STATE AND AGE, NOT AT HRC, 2009

States	Cnt	%	Age of Trespasser														
			Unk	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	> 60	
Alabama	6	1.7	1	-	-	-	-	-	1	1	-	1	-	1	-	-	1
Arizona	12	3.5	1	-	-	-	-	-	2	1	-	4	3	-	-	-	1
Arkansas	7	2.0	-	-	-	1	-	2	2	1	-	-	1	-	-	-	-
California	42	12.1	6	-	2	1	8	4	5	2	3	3	1	5	2	-	-
Colorado	3	0.9	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-
Connecticut	4	1.2	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-
Dist Of Columbia	2	0.6	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
Florida	8	2.3	1	-	-	-	-	2	1	1	-	-	2	1	-	-	-
Georgia	14	4.0	5	1	-	1	2	-	2	-	1	-	-	2	-	-	-
Idaho	4	1.2	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-
Illinois	24	6.9	3	-	-	-	4	1	3	2	2	3	1	2	2	1	-
Indiana	13	3.8	4	1	1	1	-	4	-	1	-	-	-	-	1	-	-
Iowa	5	1.4	-	-	-	-	1	1	-	-	1	2	-	-	-	-	-
Kansas	8	2.3	1	-	-	-	-	2	1	-	-	1	1	-	1	1	1
Kentucky	7	2.0	3	-	-	-	-	1	1	-	-	1	-	-	1	-	-
Louisiana	5	1.4	-	-	1	-	-	-	1	-	1	-	1	1	-	-	-
Maryland	3	0.9	1	-	-	1	-	-	-	-	-	-	-	-	1	-	-
Massachusetts	4	1.2	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Michigan	4	1.2	2	-	-	-	1	-	-	-	-	-	1	-	-	-	-
Minnesota	5	1.4	1	-	-	-	1	1	-	-	1	1	-	-	-	-	-
Mississippi	5	1.4	1	-	-	1	-	1	-	-	-	1	-	1	-	-	-
Missouri	7	2.0	-	1	1	-	-	1	-	3	-	1	-	-	-	-	-
Montana	2	0.6	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
Nebraska	3	0.9	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-
Nevada	2	0.6	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
New Jersey	9	2.6	-	-	-	-	4	1	1	-	1	1	-	-	1	-	-
New Mexico	4	1.2	-	-	-	-	-	-	1	-	1	1	-	-	-	-	1
New York	21	6.1	1	-	-	2	2	4	3	1	2	1	1	1	1	2	1
North Carolina	14	4.0	2	-	-	1	-	1	1	2	3	-	3	1	-	-	-
Ohio	7	2.0	-	-	-	-	1	1	-	-	3	-	-	1	1	-	-
Oklahoma	4	1.2	1	-	-	-	1	-	1	-	-	1	-	-	-	-	-
Oregon	5	1.4	-	-	-	-	1	-	-	-	1	1	-	1	1	-	-
Pennsylvania	15	4.3	4	-	-	1	2	2	1	1	1	-	2	-	-	-	1
South Carolina	3	0.9	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-
South Dakota	2	0.6	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-
Tennessee	8	2.3	-	-	-	-	1	1	1	-	1	1	1	2	-	-	-
Texas	31	9.0	-	-	1	1	6	6	1	5	6	3	2	-	-	-	-
Utah	1	0.3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Virginia	7	2.0	-	-	-	1	4	1	-	-	-	1	-	-	-	-	-
Washington	7	2.0	-	-	-	-	-	-	1	-	1	-	2	1	2	-	-
West Virginia	4	1.2	-	-	-	1	1	1	-	-	-	-	-	-	1	-	-
Wisconsin	4	1.2	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-
Wyoming	1	0.3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Total	346	100	40	3	7	13	43	46	33	24	37	31	21	21	18	9	-

TABLE 10-6 TRESPASSERS NOT AT HRC, BY STATE AND AGE GROUP, 2009

States	Deaths				Total Killed		Nonfatal Cases				Total Injured	
	Age Group			> 21	Cnt	%	Age Group			> 21	Cnt	%
	Unk	< 16	16-21				Unk	< 16	16-21			
Alabama	-	-	-	7	7	1.6	1	-	-	5	6	1.7
Alaska	1	-	-	1	2	0.5	-	-	-	-	0	0.0
Arizona	1	-	-	7	8	1.9	1	-	-	11	12	3.5
Arkansas	-	-	-	-	0	0.0	-	1	1	5	7	2.0
California	11	1	4	41	57	13.3	6	3	9	24	42	12.1
Colorado	-	-	-	2	2	0.5	-	-	2	1	3	0.9
Connecticut	-	-	-	3	3	0.7	-	-	-	4	4	1.2
Delaware	-	-	-	2	2	0.5	-	-	-	-	0	0.0
Dist Of Columbia	1	-	-	-	1	0.2	-	-	-	2	2	0.6
Florida	4	-	2	13	19	4.4	1	-	1	6	8	2.3
Georgia	4	-	2	4	10	2.3	5	2	2	5	14	4.0
Idaho	-	-	-	2	2	0.5	-	-	2	2	4	1.2
Illinois	-	1	2	18	21	4.9	3	-	4	17	24	6.9
Indiana	1	-	1	11	13	3.0	4	3	-	6	13	3.8
Iowa	-	-	2	1	3	0.7	-	-	1	4	5	1.4
Kansas	-	-	-	4	4	0.9	1	-	1	6	8	2.3
Kentucky	-	-	1	4	5	1.2	3	-	1	3	7	2.0
Louisiana	-	-	-	10	10	2.3	-	1	-	4	5	1.4
Maine	-	-	-	1	1	0.2	-	-	-	-	0	0.0
Maryland	1	2	-	2	5	1.2	1	1	-	1	3	0.9
Massachusetts	3	-	1	7	11	2.6	2	-	-	2	4	1.2
Michigan	-	1	1	6	8	1.9	2	-	1	1	4	1.2
Minnesota	1	-	1	7	9	2.1	1	-	2	2	5	1.4
Mississippi	3	-	-	3	6	1.4	1	1	-	3	5	1.4
Missouri	1	-	3	8	12	2.8	-	2	-	5	7	2.0
Montana	-	1	-	2	3	0.7	-	-	-	2	2	0.6
Nebraska	1	-	-	2	3	0.7	-	-	-	3	3	0.9
Nevada	-	-	-	-	0	0.0	-	-	-	2	2	0.6
New Jersey	-	-	1	19	20	4.7	-	-	4	5	9	2.6
New Mexico	1	-	1	8	10	2.3	-	-	-	4	4	1.2
New York	2	-	3	13	18	4.2	1	2	2	16	21	6.1
North Carolina	2	3	-	10	15	3.5	2	1	-	11	14	4.0
Ohio	2	-	5	16	23	5.4	-	-	1	6	7	2.0
Oklahoma	1	-	3	3	7	1.6	1	-	1	2	4	1.2
Oregon	-	-	-	4	4	0.9	-	-	1	4	5	1.4
Pennsylvania	4	2	4	20	30	7.0	4	1	2	8	15	4.3
Rhode Island	-	-	-	3	3	0.7	-	-	-	-	0	0.0
South Carolina	-	-	-	6	6	1.4	-	-	-	3	3	0.9
South Dakota	-	-	-	1	1	0.2	-	1	-	1	2	0.6
Tennessee	-	-	1	3	4	0.9	-	-	1	7	8	2.3
Texas	4	-	1	26	31	7.2	-	2	8	21	31	9.0
Utah	-	-	-	1	1	0.2	-	-	-	1	1	0.3
Virginia	2	-	1	4	7	1.6	-	1	4	2	7	2.0
Washington	-	2	1	11	14	3.3	-	-	-	7	7	2.0
West Virginia	-	-	-	5	5	1.2	-	1	2	1	4	1.2
Wisconsin	-	-	-	1	1	0.2	-	-	-	4	4	1.2
Wyoming	-	-	1	-	1	0.2	-	-	-	1	1	0.3
Total	51	13	42	322	428	100.0	40	23	53	230	346	100.0

TABLE 10-7 TRESPASSERS CASUALTIES, BY MONTH AND DAY, NOT AT HRC, 2009

Cond	Month	Total		Day Of The Week							Age of Person			
		Cnt	%	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Unk	< 16	16-21	> 21
Kid	January	18	2.3	4	-	4	1	2	2	5	2	-	1	15
	February	31	4.0	2	5	3	7	4	6	4	3	-	2	26
	March	37	4.8	8	5	4	5	5	3	7	5	-	4	28
	April	35	4.5	3	3	8	2	9	4	6	4	4	5	22
	May	36	4.7	9	1	3	6	4	5	8	2	1	7	26
	June	32	4.1	6	2	5	5	3	3	8	6	-	2	24
	July	49	6.3	4	3	5	7	10	13	7	9	1	2	37
	August	40	5.2	5	8	6	3	2	8	8	3	2	1	34
	September	48	6.2	10	2	3	7	8	9	9	6	3	5	34
	October	35	4.5	5	5	2	2	8	5	8	2	2	4	27
	November	32	4.1	7	1	5	5	4	7	3	5	-	4	23
	December	35	4.5	6	3	5	8	5	4	4	4	-	5	26
	Total		428	55.3	69	38	53	58	64	69	77	51	13	42	322
Nonfatal	January	16	2.1	3	3	-	1	5	4	-	2	3	3	8
	February	16	2.1	1	2	5	1	3	2	2	1	1	3	11
	March	34	4.4	3	2	8	5	5	6	5	3	1	5	25
	April	20	2.6	3	2	2	2	5	5	1	2	1	3	14
	May	36	4.7	6	5	3	6	6	2	8	5	1	9	21
	June	40	5.2	5	6	5	6	7	4	7	7	2	9	22
	July	36	4.7	4	4	2	5	10	4	7	3	-	2	31
	August	40	5.2	10	2	3	4	3	8	10	8	2	3	27
	September	32	4.1	8	4	4	4	1	8	3	3	3	4	22
	October	27	3.5	2	4	3	3	3	7	5	2	1	4	20
	November	29	3.7	5	4	1	2	5	7	5	2	5	4	18
	December	20	2.6	6	2	2	3	1	2	4	2	3	4	11
	Total		346	44.7	56	40	38	42	54	59	57	40	23	53	230
Total		774	100	125	78	91	100	118	128	134	91	36	95	552

TABLE 10-8 TRESPASSERS CASUALTIES, BY TIME AND DAY, NOT AT HRC, 2009

Time	Total	Day Of The Week													
		Sun		Mon		Tue		Wed		Thu		Fri		Sat	
		Cnt	Kld Nonfatal												
AM 1	40	6	4	1	-	3	2	2	1	2	4	3	3	5	4
2	39	2	3	-	2	6	2	-	-	3	3	5	2	8	3
3	27	3	1	1	2	2	2	1	-	1	3	3	1	5	2
4	21	4	1	-	1	-	-	3	-	4	-	1	2	3	2
5	18	3	1	-	-	1	-	2	1	1	1	2	1	2	3
6	18	1	2	-	-	-	1	4	2	1	2	-	-	5	-
7	24	3	2	3	2	1	1	1	-	-	2	3	1	3	2
8	24	3	1	1	2	1	2	2	3	4	1	1	-	1	2
9	18	-	1	1	1	2	-	1	1	3	1	1	3	1	2
10	28	1	2	1	2	-	1	1	3	3	2	2	4	3	3
11	26	4	1	2	-	4	-	2	1	2	2	2	1	1	4
12	42	4	3	4	-	3	-	3	4	2	-	4	5	5	5
Total	325	34	22	14	12	23	11	22	16	26	21	27	23	42	32
PM 1	27	4	-	-	2	1	3	2	2	5	2	1	2	3	-
2	28	3	2	3	2	1	3	1	-	4	-	4	1	3	1
3	30	3	1	1	3	2	1	4	5	-	3	5	-	2	-
4	39	4	3	2	3	2	4	4	2	3	4	-	4	4	-
5	40	4	3	3	3	2	3	8	3	1	3	3	3	1	-
6	46	3	2	4	2	4	3	4	3	4	4	6	3	2	2
7	33	2	1	2	2	2	3	2	2	5	2	4	2	1	3
8	41	1	3	1	3	3	2	2	2	3	2	2	2	7	8
9	45	4	4	3	7	5	1	-	3	4	1	6	2	3	2
10	50	3	6	2	-	6	1	3	4	2	3	5	7	5	3
11	43	4	5	2	-	2	2	5	-	4	4	4	4	3	4
12	27	-	4	1	1	-	1	1	-	3	5	2	6	1	2
Total	449	35	34	24	28	30	27	36	26	38	33	42	36	35	25
Total	774	69	56	38	40	53	38	58	42	64	54	69	59	77	57

TABLE 10-9 TRESPASSERS CASUALTIES, BY LOCATION, NOT AT HRC, 2009

Location	Total		Fatal		Nonfatal		Age of Person			
	Cnt	%	Cnt	%	Cnt	%	Unk	< 16	16-21	> 21
Alongside of on-track equipmen	50	6.5	11	2.6	39	11.3	4	4	7	35
At work station	1	0.1	-	0.0	1	0.3	-	-	-	1
Beside track	131	16.9	49	11.4	82	23.7	18	9	18	86
Between tracks	150	19.4	109	25.5	41	11.8	14	4	20	112
Between cars/locomotives	18	2.3	8	1.9	10	2.9	2	-	3	13
In cab or on walkways of locom	2	0.3	1	0.2	1	0.3	-	-	-	2
In car	13	1.7	4	0.9	9	2.6	-	-	3	10
In/operating vehicle	15	1.9	3	0.7	12	3.5	-	-	1	14
In tunnel	2	0.3	2	0.5	-	0.0	-	-	-	2
On bridge/trestle	23	3.0	8	1.9	15	4.3	3	1	3	16
On highway-rail crossing	2	0.3	2	0.5	-	0.0	2	-	-	-
On side of car	13	1.7	1	0.2	12	3.5	1	1	-	11
On track	326	42.1	223	52.1	103	29.8	45	15	36	230
On end of car	3	0.4	1	0.2	2	0.6	-	-	1	2
On platform	4	0.5	1	0.2	3	0.9	-	-	-	4
On stairs	1	0.1	-	0.0	1	0.3	-	-	-	1
Under car	3	0.4	-	0.0	3	0.9	-	1	-	2
Under locomotive	1	0.1	-	0.0	1	0.3	1	-	-	-
Car, on top of (rail car)	3	0.4	1	0.2	2	0.6	-	1	1	1
On top of equipment, other tha	1	0.1	1	0.2	-	0.0	-	-	1	-
Depot	2	0.3	-	0.0	2	0.6	-	-	-	2
Other location	10	1.3	3	0.7	7	2.0	1	-	1	8
Total	774	100	428	100	346	100	91	36	95	552

TABLE 10-10 TRESPASSERS CASUALTIES, BY EVENT, NOT AT HRC, 2009

Location	Total		Fatal		Nonfatal		Age of Person			
	Cnt	%	Cnt	%	Cnt	%	Unk	< 16	16-21	> 21
Apprehending/removing from property	1	0.1	-	0.0	1	0.3	-	-	-	1
Assaulted by other	2	0.3	-	0.0	2	0.6	-	-	1	1
Collision - between on track equipment	2	0.3	2	0.5	-	0.0	1	-	-	1
Collision/impact - auto, truck, bus, van, etc.	22	2.8	10	2.3	12	3.5	-	-	-	22
Electrical shock due to contact with 3rd rail, c	2	0.3	2	0.5	-	0.0	-	-	1	1
Electrical shock from hand tool	1	0.1	-	0.0	1	0.3	-	-	-	1
Exposure to fumes - inhalation	1	0.1	1	0.2	-	0.0	-	-	-	1
Horseplay, practical joke, etc.	5	0.6	-	0.0	5	1.4	1	-	1	3
Lost balance	13	1.7	3	0.7	10	2.9	2	-	1	10
Missed handhold, grabiron, step, etc.	1	0.1	-	0.0	1	0.3	-	-	-	1
Other impacts - on track equipment	5	0.6	3	0.7	2	0.6	-	-	-	5
Pushed/shoved into/against	1	0.1	-	0.0	1	0.3	-	1	-	-
Pushed/shoved onto	1	0.1	1	0.2	-	0.0	-	-	-	1
Ran into on-track equipment	3	0.4	-	0.0	3	0.9	1	-	-	2
Ran into object/equipment	3	0.4	2	0.5	1	0.3	-	-	1	2
Rubbed, abraded, etc.	1	0.1	-	0.0	1	0.3	-	1	-	-
Shot	2	0.3	2	0.5	-	0.0	-	-	-	2
Slipped,fell,stumbled,etc. due to irregular surf	4	0.5	-	0.0	4	1.2	-	-	-	4
Slipped, fell, stumbled, etc. due to climatic co	1	0.1	-	0.0	1	0.3	-	-	-	1
Slipped,fell,stumbled,etc. due to object,ballast	8	1.0	1	0.2	7	2.0	2	-	-	6
Stepped on object	1	0.1	-	0.0	1	0.3	-	-	-	1
Struck by object	8	1.0	-	0.0	8	2.3	-	-	-	8
Struck by on-track equipment	565	73.0	381	89.0	184	53.2	68	24	69	404
Struck against object	11	1.4	2	0.5	9	2.6	2	-	3	6
Sudden/unexpected movement of on-track equipmen	4	0.5	-	0.0	4	1.2	1	-	2	1
Thrill seeking	9	1.2	-	0.0	9	2.6	-	3	1	5
Caught, crushed, pinched, other	6	0.8	-	0.0	6	1.7	-	-	2	4
On track equipment, other incidents	7	0.9	3	0.7	4	1.2	1	3	-	3
Slipped, fell, stumbled, other	59	7.6	5	1.2	54	15.6	4	2	11	42
Sudden, unexpected movement, other	4	0.5	1	0.2	3	0.9	-	1	-	3
Bumped	1	0.1	-	0.0	1	0.3	-	-	-	1
Blowing/falling debris	1	0.1	-	0.0	1	0.3	-	1	-	-
Caught Between Equipment	4	0.5	2	0.5	2	0.6	1	-	-	3
Other (describe in narrative)	15	1.9	7	1.6	8	2.3	7	-	2	6
Total	774	100	428	100	346	100	91	36	95	552

ACCIDENTS/INCIDENTS REPORTED BY GROUP III RAILROADS, 2009

Railroads whose employees worked < 400,000 hours

	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
AN Rwy LLC [AN]	1	-	-	-	-	-	1	-	-	-	-	-
Aberdeen & Rockfish RR Co. [AR]	1	-	1	-	-	-	-	-	-	1	-	1
Aberdeen, Carolina & Western RR [ACWR]	2	-	1	1	-	-	-	-	-	1	-	1
Abilene & Smokey Valley RR [AVSX]	-	-	-	-	-	-	-	-	-	-	-	-
Acadiana Rwy Co. [AKDN]	-	-	-	-	-	-	-	-	-	-	-	-
Adirondack Scenic RR [ADCX]	1	-	1	-	-	-	-	-	-	1	-	1
Adrian & Blissfield RR [ADBF]	1	-	1	-	-	-	-	-	-	1	-	1
Akron Barberton Cluster Rwy Co. [AB]	-	-	-	-	-	-	-	-	-	-	-	-
Alabama & Florida Rwy Co. [AF]	-	-	-	-	-	-	-	-	-	-	-	-
Alabama & Gulf Coast Rwy LLC [AGR]	5	-	-	2	-	-	3	-	-	-	-	-
Alabama & Tennessee River Rwy LLC [ATN]	7	1	1	2	-	-	3	-	-	2	1	1
Alabama RR Co., Inc. [ALAB]	-	-	-	-	-	-	-	-	-	-	-	-
Alabama Southern RR [ABS]	2	-	-	2	-	-	-	-	-	-	-	-
Alabama Warrior Rwy, LLC [ABWR]	-	-	-	-	-	-	-	-	-	-	-	-
Alameda Belt Line [ABL]	-	-	-	-	-	-	-	-	-	-	-	-
Alamo Gulf Coast RR Co. [AGCR]	-	-	-	-	-	-	-	-	-	-	-	-
Albany & Eastern RR Co. [AERC]	1	-	1	-	-	-	-	-	-	1	-	1
Albany Port RR [APRR]	-	-	-	-	-	-	-	-	-	-	-	-
Alexander RR Co. [ARC]	2	-	1	-	-	-	1	-	-	1	-	1
Aliquippa & Ohio River RR Co. [AOR]	-	-	-	-	-	-	-	-	-	-	-	-
Allegheny Valley RR Co. [AVR]	5	-	1	4	-	-	-	-	-	1	-	1
Alliance Term. RR LLC [ATR]	1	-	-	1	-	-	-	-	-	-	-	-
Altamont Commuter Express Authority [ACEX]	5	2	1	1	-	-	2	1	-	2	1	1
American Rail Dispatching Center [ARDJ]	-	-	-	-	-	-	-	-	-	-	-	-
Angelina & Neches River RR Co. [ANR]	2	-	1	-	-	-	1	-	-	1	-	1
Ann Arbor RR [AA]	-	-	-	-	-	-	-	-	-	-	-	-
Apache Rwy Co. [APA]	1	-	1	-	-	-	-	-	-	1	-	1
Appalachian & Ohio RR [AO]	5	-	2	1	-	-	2	-	-	2	-	2
Appanoose County Community RR Co. [APNC]	-	-	-	-	-	-	-	-	-	-	-	-
Arcade & Attica RR Corp. [ARA]	1	-	1	-	-	-	-	-	-	1	-	1
Arizona & California RR Co. [ARZC]	-	-	-	-	-	-	-	-	-	-	-	-
Arizona Central RR, Inc. [AZCR]	-	-	-	-	-	-	-	-	-	-	-	-
Arizona Eastern RR [AZER]	9	-	5	3	-	-	1	-	-	5	-	5
Arkansas & Missouri RR Co. [AM]	10	-	4	-	-	-	6	-	-	4	-	4
Arkansas Louisiana & Mississippi RR Co. [ALM]	1	-	-	-	-	-	1	-	-	-	-	-
Arkansas Midland RR Co., Inc. [AKMD]	16	-	8	6	-	-	2	-	-	8	-	8
Arkansas Southern RR [ARS]	4	-	-	3	-	-	1	-	-	-	-	-
Arkansas-Oklahoma RR Inc. [AOK]	1	-	-	1	-	-	-	-	-	-	-	-
Ashland Rwy Inc. [ASRY]	-	-	-	-	-	-	-	-	-	-	-	-
Ashtubula, Carson & Jefferson RR [ACJR]	-	-	-	-	-	-	-	-	-	-	-	-
Athens Line LLC, The [ABR]	-	-	-	-	-	-	-	-	-	-	-	-
Atlantic & Western Rwy, L.P. [ATW]	-	-	-	-	-	-	-	-	-	-	-	-
Austin & Texas Central RR [ATCX]	-	-	-	-	-	-	-	-	-	-	-	-
Austin Western RR [AWRR]	3	1	1	1	-	-	1	1	-	1	-	1
Austin, Todd & Ladd RR Co. [ATLT]	-	-	-	-	-	-	-	-	-	-	-	-
B&H Rail Corp [BHX]	1	-	1	-	-	-	-	-	-	1	-	1
BG & CM RR [BGCM]	-	-	-	-	-	-	-	-	-	-	-	-
Ballard Term. RR Co LLC [BDTL]	-	-	-	-	-	-	-	-	-	-	-	-
Baton Rouge Southern RR [BRS]	1	-	-	1	-	-	-	-	-	-	-	-
Batten Kill RR [BKRR]	2	-	1	1	-	-	-	-	-	1	-	1
Bauxite & Northern Rwy Co. [BXN]	-	-	-	-	-	-	-	-	-	-	-	-
Bay Coast RR [BCR]	2	-	2	-	-	-	-	-	-	2	-	2

Highway-Rail Counts Are Excluded From Other Categories

ACCIDENTS/INCIDENTS REPORTED BY GROUP III RAILROADS, 2009

Railroads whose employees worked < 400,000 hours

	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Bay Colony RR [BCLR]	1	-	-	1	-	-	-	-	-	-	-	-
Bay Line RR, L.L.C., The [BAYL]	4	-	1	2	-	-	1	-	-	1	-	1
Bee Line RR, Inc. [BLRR]	-	-	-	-	-	-	-	-	-	-	-	-
Beech Mountain RR Co. [BEEM]	-	-	-	-	-	-	-	-	-	-	-	-
Belton Grandview and Kansas City RR Co. [BGKX]	-	-	-	-	-	-	-	-	-	-	-	-
Berkshire Scenic Rwy Museum, Inc. [BCRY]	-	-	-	-	-	-	-	-	-	-	-	-
Big Eagle Rail LLC [BGEX]	-	-	-	-	-	-	-	-	-	-	-	-
Big South Fork Scenic Rwy [BSFX]	-	-	-	-	-	-	-	-	-	-	-	-
Bighorn Divide & Wyoming RR, Inc. [BDW]	1	-	1	-	-	-	-	-	-	1	-	1
Birdsboro Materials/Haines & Kibblehouse [HKGX]	-	-	-	-	-	-	-	-	-	-	-	-
Birmingham Southern RR Co. [BS]	2	-	2	-	-	-	-	-	-	2	-	2
Black Hills Central RR [BHC]	-	-	-	-	-	-	-	-	-	-	-	-
Black River & Western RR [BRW]	-	-	-	-	-	-	-	-	-	-	-	-
Blacklands RR, The [BLR]	1	-	-	1	-	-	-	-	-	-	-	-
Blackwell Northern Gateway RR Co. [BNG]	-	-	-	-	-	-	-	-	-	-	-	-
Bloomer Shippers Connecting RR Co. [BLOL]	-	-	-	-	-	-	-	-	-	-	-	-
Blue Ridge Scenic Rwy [BLRX]	-	-	-	-	-	-	-	-	-	-	-	-
Boise Valley RR, Inc. [BVRR]	-	-	-	-	-	-	-	-	-	-	-	-
Boone Scenic Valley [BSVY]	4	-	4	-	-	-	-	-	-	4	-	4
Boot Hill and Western RR [BHWY]	-	-	-	-	-	-	-	-	-	-	-	-
Border Pacific RR [BOP]	-	-	-	-	-	-	-	-	-	-	-	-
Brandon Corp. [BRAN]	-	-	-	-	-	-	-	-	-	-	-	-
Brandywine Scenic RR Co. [BSRX]	2	-	2	-	-	-	-	-	-	2	-	2
Brandywine Valley RR Co. [BVRY]	-	-	-	-	-	-	-	-	-	-	-	-
Brownsville & Rio Grande International RR [BRG]	4	-	4	-	-	-	-	-	-	4	-	4
Buckingham Branch RR Co. [BB]	7	-	3	2	-	-	2	-	-	3	-	3
Buffalo Southern RR, Inc. [BSOR]	-	-	-	-	-	-	-	-	-	-	-	-
Burlington Junction Rwy [BJRY]	-	-	-	-	-	-	-	-	-	-	-	-
Byesville Scenic Rwy [BYSR]	-	-	-	-	-	-	-	-	-	-	-	-
C & NC RR Corp. [CNUR]	-	-	-	-	-	-	-	-	-	-	-	-
CHICAGO, FT. WAYNE & EASTERN [CFE]	4	-	1	2	-	-	1	-	-	1	-	1
CMC RR Inc. [CMC]	6	-	1	5	-	-	-	-	-	1	-	1
Caddo Valley RR Co. [CVYR]	2	-	2	-	-	-	-	-	-	2	-	2
Caldwell County RR Co. [CWCY]	-	-	-	-	-	-	-	-	-	-	-	-
Calera & Shelby RR & Museum, Inc. [CSMX]	1	-	1	-	-	-	-	-	-	1	-	1
California Northern RR Co. [CFNR]	3	-	2	1	-	-	1	-	1	1	-	1
California State RR Museum [CSRМ]	-	-	-	-	-	-	-	-	-	-	-	-
California Western RR [CWR]	-	-	-	-	-	-	-	-	-	-	-	-
Camp Chase Industrial RR Corp [CCRA]	-	-	-	-	-	-	-	-	-	-	-	-
Caney Fork & Western RR [CFWR]	-	-	-	-	-	-	-	-	-	-	-	-
Canon City And Royal Gorge RR, LLC [CRRX]	7	-	7	-	-	-	-	-	-	7	-	7
Canton RR Co. [CTN]	-	-	-	-	-	-	-	-	-	-	-	-
Cape Cod Central [CCCX]	-	-	-	-	-	-	-	-	-	-	-	-
Cape May Seashore Lines, Inc. [CMSX]	-	-	-	-	-	-	-	-	-	-	-	-
Capital Metropolitan Transportation Authority [CMTY]	1	-	1	-	-	-	-	-	-	1	-	1
Cargill Inc Iowa Falls [CGIF]	-	-	-	-	-	-	-	-	-	-	-	-
Cargill Inc. GOSCNA [CGIV]	-	-	-	-	-	-	-	-	-	-	-	-
Carolina Coastal Rwy, Inc. [CLNA]	2	-	1	-	-	-	2	-	1	-	-	-
Carolina Southern RR Co., The [CALA]	1	-	-	1	-	-	-	-	-	-	-	-
Carrizo Gorge Rwy Inc. [CZRY]	-	-	-	-	-	-	-	-	-	-	-	-
Carthage, Knightstown & Shirley RR [CKSI]	2	-	-	-	-	-	2	-	-	-	-	-
Cascade & Columbia River RR [CSCD]	-	-	-	-	-	-	-	-	-	-	-	-

Highway-Rail Counts Are Excluded From Other Categories

ACCIDENTS/INCIDENTS REPORTED BY GROUP III RAILROADS, 2009

Railroads whose employees worked < 400,000 hours

	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Cass Scenic [CASS]	10	-	10	-	-	-	-	-	-	10	-	10
Catskill Mountain RR [CMRR]	-	-	-	-	-	-	-	-	-	-	-	-
Cedar Rapids & Iowa City Rwy Co. [CIC]	2	-	1	1	-	-	-	-	-	1	-	1
Central California Traction Co. [CCT]	4	-	-	2	-	-	2	-	-	-	-	-
Central Illinois RR Co. [CIRY]	-	-	-	-	-	-	-	-	-	-	-	-
Central Indiana & Western RR Co. [CEIW]	1	-	-	-	-	-	1	-	-	-	-	-
Central Midland Rwy Co. [CMR]	-	-	-	-	-	-	-	-	-	-	-	-
Central Montana RR [CM]	-	-	-	-	-	-	-	-	-	-	-	-
Central Oregon & Pacific RR, Inc. [CORP]	2	-	-	1	-	-	1	-	-	-	-	-
Central RR Co. Of Indiana [CIND]	3	1	1	1	-	-	-	-	-	2	1	1
Central RR Co. Of Indianapolis [CERA]	-	-	-	-	-	-	-	-	-	-	-	-
Central Washington RR Co. [CWA]	-	-	-	-	-	-	-	-	-	-	-	-
Charlotte Southern RR Co. [CHS]	-	-	-	-	-	-	-	-	-	-	-	-
Chattahoochee Bay RR [CHAT]	-	-	-	-	-	-	-	-	-	-	-	-
Chattahoochee Industrial RR [CIRR]	-	-	-	-	-	-	-	-	-	-	-	-
Chattooga & Chickamauga RR [CCKY]	-	-	-	-	-	-	-	-	-	-	-	-
Chehalis & Centralia RR Association [CHCX]	1	-	-	-	-	-	1	-	-	-	-	-
Chesapeake & Albemarle RR Co. [CA]	-	-	-	-	-	-	-	-	-	-	-	-
Chesapeake & Indiana RR [CKIN]	-	-	-	-	-	-	-	-	-	-	-	-
Chestnut Ridge Rwy Co. [CHR]	-	-	-	-	-	-	-	-	-	-	-	-
Chicago Port RR Co. [CPC]	-	-	-	-	-	-	-	-	-	-	-	-
Chicago Rail Link [CRL]	7	-	2	5	-	-	-	-	-	2	-	2
Chicago Southshore & South Bend RR [CSS]	3	-	2	-	-	-	1	-	-	2	-	2
Chicago Term. RR [CTM]	-	-	-	-	-	-	-	-	-	-	-	-
Chicago-Chemung RR Corp. [CCUO]	-	-	-	-	-	-	-	-	-	-	-	-
Cimarron Valley RR L C [CVR]	1	-	1	-	-	-	-	-	-	1	-	1
Cincinnati Rwy Co., The [CNRX]	-	-	-	-	-	-	-	-	-	-	-	-
City Of Prineville Rwy [COP]	-	-	-	-	-	-	-	-	-	-	-	-
City of Keokuk [KEOK]	-	-	-	-	-	-	-	-	-	-	-	-
Claremont Concord RR Corp. [CCRR]	-	-	-	-	-	-	-	-	-	-	-	-
Clarendon & Pittsford RR Co. [CLP]	3	-	2	-	-	-	1	-	-	2	-	2
Cleveland Commercial RR Co., LLC [CCRL]	1	-	-	-	-	-	1	-	-	-	-	-
Cleveland Works Rwy Co. [CWRO]	3	-	1	-	-	-	2	-	-	1	-	1
Clinton Term. RR Co. [CTR]	-	-	-	-	-	-	-	-	-	-	-	-
Cloquet Term. RR Co., Inc. [CTRR]	2	-	2	-	-	-	-	-	-	2	-	2
Colorado & Wyoming Rwy Co. [CW]	3	-	3	-	-	-	-	-	-	3	-	3
Columbia & Cowlitz Rwy Co. [CLC]	-	-	-	-	-	-	-	-	-	-	-	-
Columbia Basin RR Co. Inc. [CBRW]	2	-	2	-	-	-	-	-	-	2	-	2
Columbia Business Center [CBCX]	-	-	-	-	-	-	-	-	-	-	-	-
Columbia Term. RR Co. [CT]	2	-	2	-	-	-	-	-	-	2	-	2
Columbus & Greenville Rwy Co. [CAGY]	2	-	1	1	-	-	1	-	1	-	-	-
Columbus & Ohio River RR [CUOH]	9	-	5	4	-	-	2	-	2	3	-	3
Commonwealth Rwy, Inc. [CWRY]	1	-	-	-	-	-	1	-	-	-	-	-
Conecuh Valley RR [COEH]	1	-	-	-	-	-	1	-	-	-	-	-
Conn. Dept. Of Transportation [CDOT]	1	-	1	-	-	-	-	-	-	1	-	1
Connecticut Southern RR Inc. [CSO]	1	-	1	-	-	-	-	-	-	1	-	1
Consolidated Grain & Barge Co. [CGBX]	1	-	1	-	-	-	-	-	-	1	-	1
Conway Scenic RR [CONW]	2	-	2	-	-	-	-	-	-	2	-	2
Coopersville & Marne RR [CPMY]	-	-	-	-	-	-	-	-	-	-	-	-
Copper Basin Rwy, Inc. [CBRY]	-	-	-	-	-	-	-	-	-	-	-	-
Corpus Christi Term. RR Inc. [CCPN]	2	-	1	1	-	-	-	-	-	1	-	1
Crab Orchard & Egyptian RR [COER]	-	-	-	-	-	-	-	-	-	-	-	-

Highway-Rail Counts Are Excluded From Other Categories

ACCIDENTS/INCIDENTS REPORTED BY GROUP III RAILROADS, 2009

Railroads whose employees worked < 400,000 hours

	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Cumbres & Toltec Scenic RR [CTSR]	-	-	-	-	-	-	-	-	-	-	-	-
Cuyahoga Valley Scenic Rwy [CVSX]	3	-	4	-	-	-	2	-	3	1	-	1
D & I RR Co. [DAIR]	1	-	1	-	-	-	1	-	1	-	-	-
Dakota Northern RR, Inc. [DN]	1	-	1	-	-	-	-	-	-	1	-	1
Dakota Southern Rwy Co. [DSRC]	-	-	-	-	-	-	-	-	-	-	-	-
Dakota, Missouri Valley & Western RR, Inc. [DMVW]	6	-	2	2	-	-	2	-	-	2	-	2
Dallas, Garland & Northeastern RR [DGNO]	4	-	1	2	-	-	1	-	-	1	-	1
Dardanelle & Russellville RR [DR]	-	-	-	-	-	-	-	-	-	-	-	-
DeQueen & Eastern RR Co. [DQE]	2	-	1	1	-	-	-	-	-	1	-	1
Decatur Junction Rwy Co. [DT]	-	-	-	-	-	-	-	-	-	-	-	-
Delaware & Ulster Rail Ride [DURR]	-	-	-	-	-	-	-	-	-	-	-	-
Delaware Coast Line RR [DCLR]	-	-	-	-	-	-	-	-	-	-	-	-
Delaware Lackawanna RR [DL]	2	1	1	-	-	-	-	-	-	2	1	1
Delray Connecting RR Co. [DC]	-	-	-	-	-	-	-	-	-	-	-	-
Delta Southern RR Co. [DSRR]	-	-	-	-	-	-	-	-	-	-	-	-
Delta Valley & Southern Rwy Co. [DVS]	-	-	-	-	-	-	-	-	-	-	-	-
Denver & Rio Grande RR Co. [DRGR]	-	-	-	-	-	-	-	-	-	-	-	-
Denver Rock Island RR [DRIR]	1	-	1	-	-	-	-	-	-	1	-	1
Depew, Lancaster & Western RR Co., Inc. [DLWR]	1	-	1	-	-	-	-	-	-	1	-	1
Detroit Connecting RR [DCON]	-	-	-	-	-	-	-	-	-	-	-	-
Detroit Edison [DE]	3	-	3	-	-	-	-	-	-	3	-	3
Dubois County RR [DCRR]	-	-	-	-	-	-	-	-	-	-	-	-
Durango & Silverton Narrow Gauge RR Co. [DSNG]	28	-	28	-	-	-	-	-	-	28	-	28
East Brookfield & Spencer RR LLC [EBSR]	-	-	-	-	-	-	-	-	-	-	-	-
East Camden & Highland RR Co. [EACH]	-	-	-	-	-	-	-	-	-	-	-	-
East Chattanooga Belt Rwy Co. [ECTB]	-	-	-	-	-	-	-	-	-	-	-	-
East Cooper & Berkeley RR [ECBR]	-	-	-	-	-	-	-	-	-	-	-	-
East Erie Commercial RR [EEC]	-	-	-	-	-	-	-	-	-	-	-	-
East Jersey RR & Term. Co. [EJR]	-	-	-	-	-	-	-	-	-	-	-	-
East Penn RR LLC [ESPN]	8	-	3	-	-	-	6	-	1	2	-	2
East Tennessee Rwy, L.P. [ETRY]	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Alabama Rwy Co. [EARY]	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Idaho RR [EIRR]	3	-	1	1	-	-	1	-	-	1	-	1
Eastern Illinois RR Co. [EIRC]	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Maine RR Co. [EMRY]	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Washington Gateway RR Co. [EWG]	1	-	1	-	-	-	-	-	-	1	-	1
Econo Rail Corp. [TXTX]	5	-	1	4	-	-	-	-	-	1	-	1
Effingham RR Co. [EFRR]	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado & Wesson Rwy Co. [EDW]	-	-	-	-	-	-	-	-	-	-	-	-
Elk River RR, Inc. [ELKR]	-	-	-	-	-	-	-	-	-	-	-	-
Ellis and Eastern Co. [EERZ]	-	-	-	-	-	-	-	-	-	-	-	-
Erie Western Rwy [EWR]	-	-	-	-	-	-	-	-	-	-	-	-
Escalanta Western Rwy [ESWR]	-	-	-	-	-	-	-	-	-	-	-	-
EsCANABA & Lake Superior RR Co. [ELS]	3	-	2	-	-	-	1	-	-	2	-	2
Evansville Western Rwy, Inc. [EVWR]	4	-	1	-	-	-	3	-	-	1	-	1
Everett RR Co. [EV]	-	-	-	-	-	-	-	-	-	-	-	-
Exel Switching Service [ESSV]	1	-	-	1	-	-	-	-	-	-	-	-
Falls Road RR Co. Inc. [FRR]	-	-	-	-	-	-	-	-	-	-	-	-
Farmrail Corp. [FMRC]	5	-	3	2	-	-	-	-	-	3	-	3
Fayette Central RR [FCRV]	-	-	-	-	-	-	-	-	-	-	-	-
Fillmore And Western [FMWX]	-	-	-	-	-	-	-	-	-	-	-	-
Finger Lakes Rwy Corp. [FGLK]	6	-	1	1	-	-	4	-	-	1	-	1

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	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
First Coast RR Inc. [FCRD]	-	-	-	-	-	-	-	-	-	-	-	-
Flats Industrial RR [FIR]	-	-	-	-	-	-	-	-	-	-	-	-
Florida Central RR Co. [FCEN]	4	-	4	-	-	-	-	-	-	4	-	4
Florida Midland RR Co., Inc. [FMID]	-	-	-	-	-	-	-	-	-	-	-	-
Florida Northern RR Co., Inc. [FNOR]	3	-	3	-	-	-	-	-	-	3	-	3
Florida Rail Adventures [FRAX]	-	-	-	-	-	-	-	-	-	-	-	-
Flying J / Big West Oil [FLYJ]	-	-	-	-	-	-	-	-	-	-	-	-
Fordyce & Princeton RR Co. [FP]	-	-	-	-	-	-	-	-	-	-	-	-
Fore River Transportation Corp. [FRVT]	-	-	-	-	-	-	-	-	-	-	-	-
Fort Smith RR Co. [FSR]	-	-	-	-	-	-	-	-	-	-	-	-
Fort Worth & Western RR [FWWR]	14	-	7	1	-	-	7	-	1	6	-	6
Fremont & Elkhorn Valley RR [FEVR]	-	-	-	-	-	-	-	-	-	-	-	-
Frontier Rail Switch Service [FRRV]	-	-	-	-	-	-	-	-	-	-	-	-
Fulton County RR Co. [FC]	-	-	-	-	-	-	-	-	-	-	-	-
Fulton County Rwy [FCR]	3	-	1	2	-	-	-	-	-	1	-	1
GITM Intermodal Yard [GIMY]	1	-	-	1	-	-	-	-	-	-	-	-
GITM Savannah Wharf Yard [GSWY]	1	-	-	1	-	-	-	-	-	-	-	-
Galveston RR, L.P. [GVSF]	1	-	-	1	-	-	-	-	-	-	-	-
Garden City Western Rwy Co. [GCW]	1	-	1	-	-	-	-	-	-	1	-	1
Gary Rwy Co. [GRW]	8	-	3	5	-	-	-	-	-	3	-	3
Georgetown Loop RR [GLRX]	1	-	1	-	-	-	-	-	-	1	-	1
Georgetown RR Co. [GRR]	-	-	-	-	-	-	-	-	-	-	-	-
Georgia & Florida Rwy [GFRR]	4	-	1	3	-	-	-	-	-	1	-	1
Georgia Central Rwy, L.P. [GC]	5	-	2	-	-	-	3	-	-	2	-	2
Georgia Midland RR, Inc. [GMR]	1	-	-	-	-	-	1	-	-	-	-	-
Georgia Northeastern RR Co. [GNRR]	4	-	3	1	-	-	-	-	-	3	-	3
Georgia Southwestern RR Inc. [GSWR]	2	-	2	1	-	-	1	-	2	-	-	-
Georgia Woodlands RR [GWRC]	1	-	1	-	-	-	-	-	-	1	-	1
Gettysburg and Northern RR [GET]	1	-	1	-	-	-	-	-	-	1	-	1
Giant Cement [GICX]	-	-	-	-	-	-	-	-	-	-	-	-
Golden Isles Term. RR, Inc. [GITM]	-	-	-	-	-	-	-	-	-	-	-	-
Golden Triangle RR Co. [GTRA]	1	-	1	-	-	-	-	-	-	1	-	1
Grafton & Upton RR Co. [GU]	-	-	-	-	-	-	-	-	-	-	-	-
Grainbelt Corp. [GNBC]	6	-	3	2	-	-	1	-	-	3	-	3
Grand Canyon Rwy [GCRX]	15	-	15	-	-	-	-	-	-	15	-	15
Grand Elk RR, LLC [GDLK]	2	-	1	-	-	-	1	-	-	1	-	1
Grand Rapids Eastern RR Inc. [GR]	-	-	-	-	-	-	-	-	-	-	-	-
Grapevine Vintage RR [GRVV]	1	-	-	-	-	-	1	-	-	-	-	-
Great Lakes Central RR [GLC]	1	-	1	-	-	-	-	-	-	1	-	1
Great Northwest RR, Inc. [GRNW]	-	-	-	-	-	-	-	-	-	-	-	-
Great Smoky Mountains Rwy, The [GSM]	7	-	7	-	-	-	-	-	-	7	-	7
Great Walton RR Co. [GRWR]	1	-	-	1	-	-	-	-	-	-	-	-
Great Western Rwy of Colorado, LLC [GWR]	2	-	2	-	-	-	-	-	-	2	-	2
Green Mountain RR Corp. [GMRC]	-	-	-	-	-	-	-	-	-	-	-	-
Greenville & Western Rwy Co. LLC [GRLW]	-	-	-	-	-	-	-	-	-	-	-	-
Grenada Rwy LLC [GRYR]	2	-	-	-	-	-	2	-	-	-	-	-
Gulf, Colorado San Saba Rwy Corp. [GCSR]	1	-	-	1	-	-	-	-	-	-	-	-
Hampton & Branchville RR Co. [HB]	-	-	-	-	-	-	-	-	-	-	-	-
Hartwell RR Co. [HRT]	2	-	-	-	-	-	2	-	-	-	-	-
Hawaiian Rwy Society [HRSX]	-	-	-	-	-	-	-	-	-	-	-	-
Heart of Georgia RR, Inc. [HOG]	-	-	-	-	-	-	-	-	-	-	-	-
Heber Valley RR Utah [HVRX]	6	-	4	1	-	-	1	-	-	4	-	4

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	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Heritage RR Corp [HR]	1	-	1	-	-	-	1	-	1	-	-	-
High Point, Thomasville & Denton RR Co. [HPTD]	2	-	-	1	-	-	1	-	-	-	-	-
Hiwassee River RR [HWRV]	-	-	-	-	-	-	-	-	-	-	-	-
Hollis & Eastern RR Co. [HE]	-	-	-	-	-	-	-	-	-	-	-	-
Hondo Rwy LLC [HHRV]	-	-	-	-	-	-	-	-	-	-	-	-
Honey Creek RR, Inc. [HCRR]	-	-	-	-	-	-	-	-	-	-	-	-
Hoosier Southern RR [HOS]	-	-	-	-	-	-	-	-	-	-	-	-
Hoosier Valley RR Museum [HVMV]	1	-	-	-	-	-	1	-	-	-	-	-
Housatonic RR Co., Inc. [HRRC]	5	-	3	1	-	-	1	-	-	3	-	3
Huckleberry RR [HRR]	-	-	-	-	-	-	-	-	-	-	-	-
Huntsville & Madison county RR Authority [HMCR]	-	-	-	-	-	-	-	-	-	-	-	-
Huron & Eastern Rwy [HESR]	8	1	3	1	-	-	4	1	-	3	-	3
ITS Technologies & Logistics, LLC. [ITSL]	1	-	-	1	-	-	-	-	-	-	-	-
Idaho Northern & Pacific RR Co. [INPR]	3	-	2	-	-	-	1	-	-	2	-	2
Illinois & Midland RR Inc. [IMRR]	4	-	1	2	-	-	1	-	-	1	-	1
Illinois Rwy Museum [IRYM]	-	-	-	-	-	-	-	-	-	-	-	-
Illinois Rwy, Inc. [IR]	1	-	-	1	-	-	-	-	-	-	-	-
Illinois Western RR Co. [ILW]	-	-	-	-	-	-	-	-	-	-	-	-
Indian Creek RR Co. [ICRK]	-	-	-	-	-	-	-	-	-	-	-	-
Indiana & Ohio Rwy [IORY]	6	-	3	2	-	-	1	-	-	3	-	3
Indiana Eastern RR LLC [IERR]	-	-	-	-	-	-	-	-	-	-	-	-
Indiana Northeastern RR Co., Incorporated [IN]	2	-	2	-	-	-	-	-	-	2	-	2
Indiana Rail Road Co. [INRD]	17	1	12	6	-	-	1	1	2	10	-	10
Indiana Rwy Museum [IRM]	-	-	-	-	-	-	-	-	-	-	-	-
Indiana Southern RR Co., Inc. [ISRR]	2	-	2	-	-	-	1	-	1	1	-	1
Indiana Southwestern Rwy Co. [ISW]	-	-	-	-	-	-	-	-	-	-	-	-
Indiana Transportation Museum [ITMZ]	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Rwy Switching & Services [IRSS]	-	-	-	-	-	-	-	-	-	-	-	-
Inland Lakes Rwy [ILRV]	1	-	1	-	-	-	-	-	-	1	-	1
Iowa Northern Rwy Co. [IANR]	10	-	5	3	-	-	2	-	-	5	-	5
Iowa River RR Inc [IARR]	-	-	-	-	-	-	-	-	-	-	-	-
Iowa Traction RR Co. [IATR]	-	-	-	-	-	-	-	-	-	-	-	-
Jacintoport International, LP [JCIV]	-	-	-	-	-	-	-	-	-	-	-	-
Jefferson Warrior RR [JEFW]	-	-	-	-	-	-	-	-	-	-	-	-
Johnson County Airport Commission [JCAX]	-	-	-	-	-	-	-	-	-	-	-	-
Joppa & Eastern RR Co. [JERX]	-	-	-	-	-	-	-	-	-	-	-	-
Juniata Valley RR Co. [JVRR]	-	-	-	-	-	-	-	-	-	-	-	-
K.W.T. Rwy, Inc. [KWT]	-	-	-	-	-	-	-	-	-	-	-	-
Kankakee, Beaverville & Southern RR Co. [KBSR]	2	-	2	-	-	-	2	-	2	-	-	-
Kansas City Term. Rwy Co. [KCT]	2	-	-	2	-	-	-	-	-	-	-	-
Kansas and Oklahoma RR [KO]	7	-	3	2	-	-	4	-	2	1	-	1
Kaw River RR [KAW]	1	-	-	-	-	-	1	-	-	-	-	-
Kendallville Term. Rwy Co. [KTR]	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky & Tennessee Rwy [KT]	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky Rwy Museum [KRM]	1	-	2	-	-	-	-	-	-	1	-	2
Keokuk Junction Rwy [KJRY]	5	-	-	4	-	-	1	-	-	-	-	-
Kettle Falls International Rwy LLC [KFR]	4	-	2	2	-	-	-	-	-	2	-	2
Kiamichi RR Co. LLC [KRR]	6	-	1	5	-	-	1	-	1	-	-	-
Kiski Junction RR [KJR]	-	-	-	-	-	-	-	-	-	-	-	-
Klamath Northern Rwy Co. [KNOR]	-	-	-	-	-	-	-	-	-	-	-	-
Knoxville & Holston River RR Co., Inc. [KXHR]	4	-	3	1	-	-	-	-	-	3	-	3
Kosciusko And Southwestern Rwy [KSRY]	-	-	-	-	-	-	-	-	-	-	-	-

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	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Kyle RR Co. [KYLE]	6	-	-	5	-	-	1	-	-	-	-	-
LRY LLC [LRY]	-	-	-	-	-	-	-	-	-	-	-	-
Lahaina Kaanapoli And Pacific [LKP]	-	-	-	-	-	-	-	-	-	-	-	-
Lake Charlse Harbor District [LCHD]	-	-	-	-	-	-	-	-	-	-	-	-
Lake Michigan & Indiana RR Co. [LMIC]	-	-	-	-	-	-	-	-	-	-	-	-
Lake Shore Rwy [LSRX]	-	-	-	-	-	-	-	-	-	-	-	-
Lake State Rwy Co. [LSRC]	11	-	5	5	-	-	1	-	-	5	-	5
Lake Superior & Ishpeming RR Co. [LSI]	2	-	2	-	-	-	-	-	-	2	-	2
Lake Superior & Mississippi RR [LSMR]	-	-	-	-	-	-	-	-	-	-	-	-
Lake Superior RR Museum [LSMT]	-	-	-	-	-	-	-	-	-	-	-	-
Lake Term. RR Co. [LT]	-	-	-	-	-	-	-	-	-	-	-	-
Lake Whatcom Rwy [LWAT]	-	-	-	-	-	-	-	-	-	-	-	-
Lancaster & Chester Rwy Co. [LC]	2	-	1	1	-	-	-	-	-	1	-	1
Landisville RR, LLC [LVR]	-	-	-	-	-	-	-	-	-	-	-	-
Laona & Northern Rwy [LNO]	-	-	-	-	-	-	-	-	-	-	-	-
Lapree Industrial RR [LIRR]	-	-	-	-	-	-	-	-	-	-	-	-
Laurinburg & Southern RR Co. [LRS]	-	-	-	-	-	-	-	-	-	-	-	-
Leadville, Colorado & Southern RR, Co. [LCSR]	-	-	-	-	-	-	-	-	-	-	-	-
Lehigh Rwy, LLC [LRWY]	-	-	-	-	-	-	-	-	-	-	-	-
Lehigh Valley Rail Management [LVRX]	-	-	-	-	-	-	-	-	-	-	-	-
Litchfield Industrial RR [LFIZ]	-	-	-	-	-	-	-	-	-	-	-	-
Little Kanawha River Rail [LKRR]	-	-	-	-	-	-	-	-	-	-	-	-
Little River RR [LRR]	-	-	-	-	-	-	-	-	-	-	-	-
Little Rock & Western Rwy, L.P. [LRWN]	-	-	-	-	-	-	-	-	-	-	-	-
Little Rock Port RR Co. [LRPA]	1	-	1	-	-	-	1	-	1	-	-	-
Livonia, Avon & Lakeville RR Corp. [LAL]	-	-	-	-	-	-	-	-	-	-	-	-
Lodestar Logistics [LDLV]	-	-	-	-	-	-	-	-	-	-	-	-
Logansport & Eel River Short Line Co., Inc. [LER]	-	-	-	-	-	-	-	-	-	-	-	-
Lone Star Industries [LSIZ]	1	-	1	-	-	-	-	-	-	1	-	1
Longview Switching [LS]	1	-	-	-	-	-	1	-	-	-	-	-
Los Angeles County Metropolitan Trans Authority [LACZ]	5	2	1	-	-	-	5	2	1	-	-	-
Los Angeles Junction Rwy Co. [LAJ]	3	-	1	2	-	-	-	-	-	1	-	1
Louisiana & Delta RR [LDRR]	4	-	1	2	-	-	2	-	1	-	-	-
Louisiana & North West RR Co. [LNW]	1	-	1	-	-	-	-	-	-	1	-	1
Louisiana Southern [LAS]	8	-	-	4	-	-	4	-	-	-	-	-
Louisville & Indiana RR Co. [LIRC]	2	-	-	1	-	-	1	-	-	-	-	-
Louisville & Wadley Rwy Co. [LW]	-	-	-	-	-	-	-	-	-	-	-	-
Louisville, New Albany & Corydon RR [LNAL]	-	-	-	-	-	-	-	-	-	-	-	-
Lowville & Beaver River RR Co. [LBR]	-	-	-	-	-	-	-	-	-	-	-	-
Luxapalila Valley RR Inc. [LXVR]	-	-	-	-	-	-	-	-	-	-	-	-
Luzerene & Susquehanna Rwy Co. [LSX]	-	-	-	-	-	-	-	-	-	-	-	-
Lycoming Valley RR Co. [LVRR]	-	-	-	-	-	-	-	-	-	-	-	-
M & B RR LLC [MNBR]	3	-	-	1	-	-	2	-	-	-	-	-
Madison RR Division [CMPA]	-	-	-	-	-	-	-	-	-	-	-	-
Magma Arizona RR Co. [MAA]	-	-	-	-	-	-	-	-	-	-	-	-
Mahoning Valley RR Co. [MVRV]	-	-	-	-	-	-	-	-	-	-	-	-
Maine Eastern RR [MERR]	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturers' Junction Rwy Co. [MJ]	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturers' Rwy Co. [MRS]	4	-	4	-	-	-	-	-	-	4	-	4
Marquette Rail LLC [MOT]	6	1	4	-	-	-	1	-	-	5	1	4
Maryland & Delaware RR Co. [MDDE]	2	-	1	-	-	-	1	-	-	1	-	1
Maryland Midland Rwy, Inc. [MMID]	-	-	-	-	-	-	-	-	-	-	-	-

Highway-Rail Counts Are Excluded From Other Categories

ACCIDENTS/INCIDENTS REPORTED BY GROUP III RAILROADS, 2009

Railroads whose employees worked < 400,000 hours

	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Massachusetts Central RR Corp. [MCER]	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts Coastal RR LLC [MCRL]	-	-	-	-	-	-	-	-	-	-	-	-
Massena Term. RR Co. [MSTR]	-	-	-	-	-	-	-	-	-	-	-	-
Maumee & Western RR Corp. [MAW]	-	-	-	-	-	-	-	-	-	-	-	-
Mccloud Rwy Co. [MCR]	-	-	-	-	-	-	-	-	-	-	-	-
Mckeesport Connecting RR Co. [MKC]	-	-	-	-	-	-	-	-	-	-	-	-
Meeker Southern RR [MSN]	-	-	-	-	-	-	-	-	-	-	-	-
Meridian Southern Rwy LLC [MDS]	2	-	-	2	-	-	-	-	-	-	-	-
Michigan Air-Line Rwy Co. [MAL]	-	-	-	-	-	-	-	-	-	-	-	-
Michigan Shore RR [MS]	-	-	-	-	-	-	-	-	-	-	-	-
Michigan Southern RR Co., Inc. [MSO]	-	-	-	-	-	-	-	-	-	-	-	-
Michigan State Trust For Rwy Preservation [MSTP]	-	-	-	-	-	-	-	-	-	-	-	-
Mid-Continent Rwy [MCRY]	1	-	1	-	-	-	-	-	-	1	-	1
Mid-Michigan RR Co. [MMRR]	-	-	-	-	-	-	-	-	-	-	-	-
Middletown & Hummelstown RR Co. [MIDH]	1	-	1	-	-	-	-	-	-	1	-	1
Middletown & New Jersey RR LLC [MNJ]	-	-	-	-	-	-	-	-	-	-	-	-
Midlands Rwy [MDRY]	1	-	1	-	-	-	1	-	1	-	-	-
Milford-Bennington RR Co. [MBRX]	1	-	-	-	-	-	1	-	-	-	-	-
Minnesota Commercial Rwy [MNNR]	14	-	10	-	-	-	4	-	-	10	-	10
Minnesota Northern RR Inc. [MNN]	1	1	-	-	-	-	1	1	-	-	-	-
Minnesota Prairie Line, Inc. [MPLI]	1	-	-	1	-	-	-	-	-	-	-	-
Minnesota Southern Rwy, Inc. [MSWY]	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota Transportation Museum [MNTX]	-	-	-	-	-	-	-	-	-	-	-	-
Minnesota, Dakota & Western Rwy Co. [MDW]	3	-	1	1	-	-	1	-	-	1	-	1
Mission Mountain RR [MMT]	1	-	-	-	-	-	1	-	-	-	-	-
Mississippi Central RR Co. [MSCI]	1	-	-	1	-	-	-	-	-	-	-	-
Mississippi Export RR Co. [MSE]	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi Southern RR [MSR]	4	-	-	4	-	-	-	-	-	-	-	-
Mississippi Tennessee RR LLC [MTNR]	-	-	-	-	-	-	-	-	-	-	-	-
Mississippiian Rwy Cooperative, Inc. [MSRW]	-	-	-	-	-	-	-	-	-	-	-	-
Missouri & Northern Arkansas RR Co., Inc. [MNA]	8	-	5	1	-	-	3	-	1	4	-	4
Missouri & Valley Park RR Corp [MVP]	-	-	-	-	-	-	-	-	-	-	-	-
Missouri North Central RR [MNC]	-	-	-	-	-	-	-	-	-	-	-	-
Modesto & Empire Traction Co. [MET]	5	-	3	-	-	-	2	-	-	3	-	3
Modoc Northern RR Co. [MNRR]	-	-	-	-	-	-	-	-	-	-	-	-
Mohawk, Adirondack & Northern RR Corp. [MHWA]	-	-	-	-	-	-	-	-	-	-	-	-
Monticello Rwy Museum [MRMZ]	-	-	-	-	-	-	-	-	-	-	-	-
Montreal, Maine and Atlantic Rwy, Ltd. [MMA]	6	-	3	2	-	-	1	-	-	3	-	3
Morehead & South Fork RR Co. Inc. [MHSF]	-	-	-	-	-	-	-	-	-	-	-	-
Morristown & Erie Rwy, Inc. [ME]	2	-	2	-	-	-	-	-	-	2	-	2
Morton Buildings [MTBD]	-	-	-	-	-	-	-	-	-	-	-	-
Moscow, Camden & San Augustine RR [MCSA]	-	-	-	-	-	-	-	-	-	-	-	-
Motive Power - Houston [MOPH]	-	-	-	-	-	-	-	-	-	-	-	-
Mount Rainier Scenic RR [MRSR]	1	-	1	-	-	-	-	-	-	1	-	1
Mount Vernon Term. Rwy, Inc. [MVT]	-	-	-	-	-	-	-	-	-	-	-	-
Municipality Of East Troy [METW]	-	-	-	-	-	-	-	-	-	-	-	-
Muskogee City-County Port Authority [MCCP]	1	-	-	-	-	-	1	-	-	-	-	-
N C Transportation Museum Foundation [NCMX]	1	-	1	-	-	-	-	-	-	1	-	1
Napa Valley RR [NVRRL]	-	-	-	-	-	-	-	-	-	-	-	-
Nash County RR [NCYR]	-	-	-	-	-	-	-	-	-	-	-	-
Nashville & Eastern RR Corp [NERR]	4	1	6	-	-	-	1	1	1	3	-	5
Nashville & Western RR Corp. [NWR]	-	-	-	-	-	-	-	-	-	-	-	-

Highway-Rail Counts Are Excluded From Other Categories

ACCIDENTS/INCIDENTS REPORTED BY GROUP III RAILROADS, 2009

Railroads whose employees worked < 400,000 hours

	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Natchez Rwy LLC [NTZR]	-	-	-	-	-	-	-	-	-	-	-	-
National Switching Services [NSWS]	-	-	-	-	-	-	-	-	-	-	-	-
Naugatuck RR Co. Inc. [NAUG]	-	-	-	-	-	-	-	-	-	-	-	-
Nebkota Rwy, Inc. [NRI]	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska Central RR [NCRC]	2	-	2	-	-	-	-	-	-	2	-	2
Nebraska Northeastern Rwy Co. [NENE]	1	-	1	-	-	-	-	-	-	1	-	1
Nebraska, Kansas, Colorado Railnet [NKCR]	6	-	2	2	-	-	2	-	-	2	-	2
Nevada Comm. for the Recon of the V&T Rwy [VTRW]	1	-	1	-	-	-	-	-	-	1	-	1
Nevada Northern Rwy [NNRX]	-	-	-	-	-	-	-	-	-	-	-	-
Nevada Southern Rwy [NVSU]	-	-	-	-	-	-	-	-	-	-	-	-
New Castle Industrial RR [NCIR]	1	-	1	-	-	-	-	-	-	1	-	1
New England Central RR [NECR]	11	-	4	3	-	-	6	-	2	2	-	2
New England Southern RR Co., Inc. [NEGS]	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire Central RR, Inc. [NHCR]	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire North Coast RR [NHN]	1	-	-	-	-	-	1	-	-	-	-	-
New Hope & Ivyland Rail Road [NHRR]	-	-	-	-	-	-	-	-	-	-	-	-
New Hope Valley Rwy/NC RR Museum [NHVX]	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey Rail Carrier, LLC. [NJRC]	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico Rail Runner Express [NMRX]	2	1	1	-	-	-	2	1	1	-	-	-
New Orleans & Gulf Coast Rwy Co. Inc. [NOGC]	3	-	-	-	-	-	3	-	-	-	-	-
New Orleans Public Belt RR [NOPB]	6	-	3	3	-	-	-	-	-	3	-	3
New River Rwy [NRRX]	1	-	-	1	-	-	-	-	-	-	-	-
New York & Atlantic Rwy Co. [NYA]	4	-	3	1	-	-	-	-	-	3	-	3
New York & Lake Erie [NYLE]	-	-	-	-	-	-	-	-	-	-	-	-
New York & Ogdensburg Rwy Co. Inc. [NYOG]	2	-	1	1	-	-	-	-	-	1	-	1
New York Container Term. [NYCT]	-	-	-	-	-	-	-	-	-	-	-	-
New York New Jersey Rail LLC [NYNJ]	-	-	-	-	-	-	-	-	-	-	-	-
New York, Susquehanna & Western RR Co. [NYSW]	6	-	6	1	-	-	-	-	-	5	-	6
Newburgh & South Shore RR [NSR]	-	-	-	-	-	-	-	-	-	-	-	-
Newport Dinner Train [NPDJ]	-	-	-	-	-	-	-	-	-	-	-	-
Niles Canyon Rwy [NICX]	-	-	-	-	-	-	-	-	-	-	-	-
Nimishillen & Tuscarawas, LLC [NTRY]	9	-	7	2	-	-	-	-	-	7	-	7
Nittany & Bald Eagle [NBER]	2	-	1	1	-	-	-	-	-	1	-	1
Norfolk & Portsmouth Belt Line RR Co. [NPB]	2	-	-	1	-	-	1	-	-	-	-	-
North Alabama RR Museum [NARZ]	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina & Virginia RR Co. [NCVA]	-	-	-	-	-	-	-	-	-	-	-	-
North Shore RR [NSHR]	-	-	-	-	-	-	-	-	-	-	-	-
North Shore Scenic RR [NSSR]	-	-	-	-	-	-	-	-	-	-	-	-
Northern Lines Rwy LLC [NLR]	1	-	-	1	-	-	-	-	-	-	-	-
Northern Ohio & Western Rwy, LTD. [NOW]	-	-	-	-	-	-	-	-	-	-	-	-
Northern Plains RR, Inc. [NPR]	3	-	1	1	-	-	1	-	-	1	-	1
Northstar Corridor Rail [NSCR]	-	-	-	-	-	-	-	-	-	-	-	-
Northwestern Oklahoma RR Co. [NOKL]	-	-	-	-	-	-	-	-	-	-	-	-
Oakland Term. Rwy [OTR]	-	-	-	-	-	-	-	-	-	-	-	-
Ohi Rail Corp. [OHIC]	1	-	-	-	-	-	1	-	-	-	-	-
Ohio Central RR Co. [OHCR]	2	-	2	1	-	-	1	-	2	-	-	-
Ohio Southern RR Co. [OSRR]	1	-	-	1	-	-	-	-	-	-	-	-
Ohio Valley RR Co. [OVR]	-	-	-	-	-	-	-	-	-	-	-	-
Oil Creek & Titusville Lines [OCTL]	1	-	1	-	-	-	-	-	-	1	-	1
Oklahoma Rwy Museum Ltd [OKRX]	-	-	-	-	-	-	-	-	-	-	-	-
Old Augusta RR Co. [OAR]	-	-	-	-	-	-	-	-	-	-	-	-
Omaha, Lincoln & Beatrice Rwy Co. [OLB]	-	-	-	-	-	-	-	-	-	-	-	-

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Railroads whose employees worked < 400,000 hours

	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Ontario Central RR Corp. [ONCT]	-	-	-	-	-	-	-	-	-	-	-	-
Ontario Midland RR Corp. [OMID]	1	-	1	-	-	-	-	-	-	1	-	1
Orange Empire Rwy Museum [OERY]	-	-	-	-	-	-	-	-	-	-	-	-
Oregon Coast Scenic RR [OCSR]	-	-	-	-	-	-	-	-	-	-	-	-
Oregon Eastern RR [OERR]	-	-	-	-	-	-	-	-	-	-	-	-
Oregon Pacific RR Co. [OPR]	-	-	-	-	-	-	-	-	-	-	-	-
Otter Tail Valley RR Co., Inc. [OTVR]	-	-	-	-	-	-	-	-	-	-	-	-
Ouachita RR [OUCH]	-	-	-	-	-	-	-	-	-	-	-	-
Over Land Trucking and Rail [OLTX]	-	-	-	-	-	-	-	-	-	-	-	-
Owego & Harford Rwy, Inc. [OHRY]	1	-	1	-	-	-	-	-	-	1	-	1
Ozark Valley RR Inc. [OVRR]	-	-	-	-	-	-	-	-	-	-	-	-
Pacific & Arctic RR & Navigation Co. [PARN]	23	-	23	-	-	-	-	-	-	23	-	23
Pacific Harbor Line Inc. [PHL]	10	-	6	5	-	-	-	-	-	5	-	6
Pacific SW Rwy Museum [PSRM]	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Sun RR, LLC [PSRR]	-	-	-	-	-	-	-	-	-	-	-	-
Palouse River & Coulee City RR Inc. [PCC]	-	-	-	-	-	-	-	-	-	-	-	-
Panhandle Northern RR Co. [PNR]	1	-	-	1	-	-	-	-	-	-	-	-
Patapsco & Back Rivers RR Co. [PBR]	-	-	-	-	-	-	-	-	-	-	-	-
Pecos Valley Southern Rwy Co. [PVS]	-	-	-	-	-	-	-	-	-	-	-	-
Pend Oreille Valley RR, Inc. [POVA]	-	-	-	-	-	-	-	-	-	-	-	-
Peninsula Term. Co. [PT]	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania & Southern Rwy, LLC [PSCC]	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania Southwestern RR, Inc. [PSWR]	-	-	-	-	-	-	-	-	-	-	-	-
Pickens Rwy Co. [PICK]	-	-	-	-	-	-	-	-	-	-	-	-
Pioneer Industrial Rwy Co. [PRY]	-	-	-	-	-	-	-	-	-	-	-	-
Pioneer RR Co., Inc. [PWJ]	-	-	-	-	-	-	-	-	-	-	-	-
Pioneer Valley RR Co., Inc. [PVRR]	1	-	1	-	-	-	-	-	-	1	-	1
Pittsburgh & Ohio Central RR Co., The [POHC]	3	-	2	1	-	-	-	-	-	2	-	2
Pittsburgh, Allegheny & Mckees Rocks RR [PAM]	-	-	-	-	-	-	-	-	-	-	-	-
Plainsman Switching Co. [PMSW]	-	-	-	-	-	-	-	-	-	-	-	-
Plymouth & Lincoln [PLL]	-	-	-	-	-	-	-	-	-	-	-	-
Point Comfort & Northern Rwy Co. [PCN]	-	-	-	-	-	-	-	-	-	-	-	-
Port Bienville RR [PBVR]	-	-	-	-	-	-	-	-	-	-	-	-
Port Of Catoosa Term. RR [POCA]	-	-	-	-	-	-	-	-	-	-	-	-
Port Of Los Angeles [PLAX]	-	-	-	-	-	-	-	-	-	-	-	-
Port Of Manatee [MAUP]	1	-	-	1	-	-	-	-	-	-	-	-
Port Of Palm Beach Term. [PPBD]	1	-	1	-	-	-	-	-	-	1	-	1
Port Of Tillamook Bay RR [POTB]	-	-	-	-	-	-	-	-	-	-	-	-
Port San Antonio [PSAN]	-	-	-	-	-	-	-	-	-	-	-	-
Port Term. RR Of South Carolina [PTR]	2	-	1	1	-	-	1	-	1	-	-	-
Port Utilities Commission Of Charleston, S.C. [PUCC]	1	-	-	1	-	-	-	-	-	-	-	-
Portland & Western RR, Inc. [PNWR]	3	-	1	2	-	-	1	-	1	-	-	-
Portland Term. [PTO]	4	-	3	1	-	-	-	-	-	3	-	3
Potomac Eagle Scenic Rail Excursion [PEX]	1	-	1	-	-	-	-	-	-	1	-	1
Prescott & Northwestern RR Co. [PNW]	-	-	-	-	-	-	-	-	-	-	-	-
Progressive Rail Inc [PGR]	1	-	-	1	-	-	-	-	-	-	-	-
Providence & Worcester RR Co. [PW]	4	1	2	1	-	-	1	1	-	2	-	2
Pueblo RR Museum [PBRF]	-	-	-	-	-	-	-	-	-	-	-	-
Puget Sound & Pacific RR Co. [PSAP]	6	-	1	2	-	-	3	-	-	1	-	1
Quincy RR Co. [QRR]	-	-	-	-	-	-	-	-	-	-	-	-
R J Corman RR Co./Tennessee Term. LLC [RJCK]	-	-	-	-	-	-	-	-	-	-	-	-
R. J. Corman RR Co./Cleveland Line [RJCL]	-	-	-	-	-	-	-	-	-	-	-	-

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Railroads whose employees worked < 400,000 hours

	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
R. J. Corman RR Co./Memphis Line [RJCM]	1	-	-	1	-	-	-	-	-	-	-	-
R. J. Corman RR Co./Pennsylvania Lines, Inc. [RJCP]	-	-	-	-	-	-	-	-	-	-	-	-
R. J. Corman RR Co./WV Line [RJCW]	-	-	-	-	-	-	-	-	-	-	-	-
R. J. Corman RR Co./Central Kentucky Lines [RJCC]	1	-	-	1	-	-	-	-	-	-	-	-
R. J. Corman RR Corp./Bardstown Line [RJCR]	3	-	2	2	-	1	-	-	-	1	-	1
R. J. Corman, Western Ohio Line [RJCW]	-	-	-	-	-	-	-	-	-	-	-	-
RTD Denver Union Station [DUT]	-	-	-	-	-	-	-	-	-	-	-	-
Rail Link Inc. [RLIX]	1	-	-	1	-	-	-	-	-	-	-	-
Rail Serve [RASX]	3	-	-	3	-	-	-	-	-	-	-	-
Rail Term [RRTM]	-	-	-	-	-	-	-	-	-	-	-	-
Railtown 1897 RR [RTRX]	-	-	-	-	-	-	-	-	-	-	-	-
Raritan Central Rwy LLC [RCRY]	1	-	-	-	-	-	1	-	-	-	-	-
Rarus Rwy Co. [RARW]	1	-	1	-	-	-	-	-	-	1	-	1
Reading Blue Mountain & Northern RR Commision [RBMM]	6	-	6	-	-	-	-	-	-	6	-	6
Red River Valley & Western RR [RRVW]	3	-	1	2	-	-	-	-	-	1	-	1
Redmont Rwy Co. [RRC]	-	-	-	-	-	-	-	-	-	-	-	-
Regional Transportation Authority-Nashville, TN [NRTX]	2	-	-	-	-	-	2	-	-	-	-	-
Rescar Industries - Beaumont [RCIB]	3	-	1	2	-	-	-	-	-	1	-	1
Rescar Location 715 Switching [RCXM]	1	-	-	1	-	-	-	-	-	-	-	-
Riceboro Southern Rwy LLC [RSOR]	-	-	-	-	-	-	-	-	-	-	-	-
Richmond Pacific RR Corp. [RPRC]	3	-	2	1	-	-	-	-	-	2	-	2
Rio Valley Switching Co. [RVSC]	2	-	1	-	-	-	1	-	-	1	-	1
River Port RR [RVPR]	3	-	-	3	-	-	-	-	-	-	-	-
Rochester Southern RR, Inc. [RSR]	1	-	-	1	-	-	-	-	-	-	-	-
Rock & Rail Inc [RRRR]	-	-	-	-	-	-	-	-	-	-	-	-
Rockdale, Sandow & Southern RR Co. [RSS]	-	-	-	-	-	-	-	-	-	-	-	-
S&S Shortline RR [SSR]	-	-	-	-	-	-	-	-	-	-	-	-
SANTA CLARA VALLEY TRANSPORTATION AUTHORITY [VTAZ]	3	1	2	-	-	-	3	1	2	-	-	-
SCTRR, LLC [SCTR]	2	-	2	-	-	-	-	-	-	2	-	2
SGS [SGZZ]	1	-	-	1	-	-	-	-	-	-	-	-
SMS Rail Lines of New York City LLC [SNY]	-	-	-	-	-	-	-	-	-	-	-	-
SMS Rail Service, Inc. [SLRS]	-	-	-	-	-	-	-	-	-	-	-	-
Sabine River & Northern RR Co. [SRN]	-	-	-	-	-	-	-	-	-	-	-	-
Sacramento Valley RR [SAV]	-	-	-	-	-	-	-	-	-	-	-	-
Salt Lake City Southern RR Co., Inc. [SL]	-	-	-	-	-	-	-	-	-	-	-	-
Salt Lake, Garfield & Western Rwy Co. [SLGW]	-	-	-	-	-	-	-	-	-	-	-	-
San Diego & Imperial Valley [SDIY]	1	-	-	-	-	-	1	-	-	-	-	-
San Diego Northern Rwy [SDNX]	5	-	4	1	-	-	2	-	2	2	-	2
San Diego Trolley Inc. [SDTI]	3	-	1	-	-	-	3	-	1	-	-	-
San Joaquin Valley RR Co. [SJVR]	8	1	-	-	-	-	7	-	-	1	1	-
San Luis & Rio Grande RR [SLRG]	6	-	1	1	-	-	5	-	1	-	-	-
San Luis Central RR Co. [SLC]	-	-	-	-	-	-	-	-	-	-	-	-
San Manuel Arizona RR Co. [SMA]	-	-	-	-	-	-	-	-	-	-	-	-
San Pedro & Southwestern RR Co. [SPSR]	2	-	-	2	-	-	-	-	-	-	-	-
Sand Springs Rwy Co. [SS]	-	-	-	-	-	-	-	-	-	-	-	-
Sandersville RR Co. [SAN]	4	-	2	-	-	-	2	-	-	2	-	2
Santa Cruz, Big Tree & Pacific RR [SCBG]	-	-	-	-	-	-	-	-	-	-	-	-
Santa Fe Southern Rwy, Inc. [SFS]	3	-	2	-	-	-	1	-	-	2	-	2
Santa Maria Valley RR Co. [SMV]	2	-	3	-	-	-	1	-	2	1	-	1
Savage Bingham & Garfield RR Co. [SBG]	-	-	-	-	-	-	-	-	-	-	-	-
Savannah Port Term. RR, Inc. [SAPT]	-	-	-	-	-	-	-	-	-	-	-	-
Seminole Gulf RR [SGLR]	4	1	2	-	-	-	1	-	-	3	1	2

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	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Semo Port RR, Inc. [SE]	-	-	-	-	-	-	-	-	-	-	-	-
Sequatchie Valley RR [SQVR]	-	-	-	-	-	-	-	-	-	-	-	-
Shamokin Valley RR Co. [SVRR]	-	-	-	-	-	-	-	-	-	-	-	-
Shawnee Term. Rwy Co. [STR]	-	-	-	-	-	-	-	-	-	-	-	-
Shelbyville Industrial RR [SVIZ]	-	-	-	-	-	-	-	-	-	-	-	-
Sidney & Lowe RR Inc. [SLGG]	-	-	-	-	-	-	-	-	-	-	-	-
Sierra Northern Rwy [SERA]	4	-	2	2	-	-	-	-	-	2	-	2
Sisseton Milbank RR [SMRR]	-	-	-	-	-	-	-	-	-	-	-	-
Ski Train RR [SKTX]	-	-	-	-	-	-	-	-	-	-	-	-
Snoqualmie Valley RR [SNVX]	-	-	-	-	-	-	-	-	-	-	-	-
Somerset RR Co. [SOM]	-	-	-	-	-	-	-	-	-	-	-	-
Souder Commuter Rail [SCR]	2	-	2	-	-	-	-	-	-	2	-	2
South Branch Valley RR [SBVR]	3	-	2	-	-	-	1	-	-	2	-	2
South Buffalo Rwy Co. [SB]	1	-	-	1	-	-	-	-	-	-	-	-
South Carolina Central RR Co., Inc. [SCRF]	2	-	-	-	-	-	2	-	-	-	-	-
South Carolina RR Museum, The [RRWX]	-	-	-	-	-	-	-	-	-	-	-	-
South Central Florida Express, Inc. [SCXF]	5	-	5	-	-	-	-	-	-	5	-	5
South Chicago & Indiana Harbor Rwy Co. [SCIH]	1	-	1	-	-	-	-	-	-	1	-	1
South Florida Regional Transit Authority [SFRV]	23	2	19	-	-	-	5	2	1	18	-	18
South Kansas & Oklahoma RR Co. [SKOL]	20	-	6	11	-	-	4	-	1	5	-	5
South Plains Lamesa RR, Ltd. [SLAL]	1	-	2	-	-	-	1	-	2	-	-	-
Southern Appalachian Rwy Museum [SPRX]	-	-	-	-	-	-	-	-	-	-	-	-
Southern Electric RR [SERX]	-	-	-	-	-	-	-	-	-	-	-	-
Southern Indiana Rwy, Inc. [SIND]	-	-	-	-	-	-	-	-	-	-	-	-
Southern Michigan RR Society [SMRS]	-	-	-	-	-	-	-	-	-	-	-	-
Southern New Jersey Light Rail Group [SNJX]	7	1	5	1	-	-	-	-	-	6	1	5
Southern RR Co. Of New Jersey [SRNJ]	-	-	-	-	-	-	-	-	-	-	-	-
Southern Switching Co. [SSC]	-	-	-	-	-	-	-	-	-	-	-	-
Southwest Pennsylvania RR Co. [SWP]	1	-	-	1	-	-	-	-	-	-	-	-
Southwestern RR Co., Inc. [SW]	3	-	-	1	-	-	2	-	-	-	-	-
Squaw Creek Southern RR [SCS]	-	-	-	-	-	-	-	-	-	-	-	-
St Marys Rwy West LLC [SMW]	-	-	-	-	-	-	-	-	-	-	-	-
St. Croix Valley RR Co. [SCXY]	-	-	-	-	-	-	-	-	-	-	-	-
St. Lawrence & Atlantic RR Co. [SLR]	6	1	3	2	-	-	-	-	-	4	1	3
St. Louis, Iron Mountain, & Southern [SLOI]	-	-	-	-	-	-	-	-	-	-	-	-
St. Maries River RR Co. [STMA]	-	-	-	-	-	-	-	-	-	-	-	-
St. Marys RR Co. [SM]	-	-	-	-	-	-	-	-	-	-	-	-
Steamtown National Historic Site [SNCX]	-	-	-	-	-	-	-	-	-	-	-	-
Steelton & Highspire RR [SH]	-	-	-	-	-	-	-	-	-	-	-	-
Stewartstown RR Co. [STRT]	-	-	-	-	-	-	-	-	-	-	-	-
Stillwater Central RR Co., Inc. [SLWC]	6	-	2	3	-	-	1	-	-	2	-	2
Stockton Term. & Eastern RR [STE]	1	-	1	-	-	-	-	-	-	1	-	1
Strasburg RR Co. [SRC]	10	-	10	-	-	-	-	-	-	10	-	10
Sumpter Valley RR [SUVX]	-	-	-	-	-	-	-	-	-	-	-	-
Sunflour RR, Inc. [SNR]	-	-	-	-	-	-	-	-	-	-	-	-
Sweetwater Central RR [SWCX]	-	-	-	-	-	-	-	-	-	-	-	-
Syracuse Binghamton And New York RR [SBNX]	-	-	-	-	-	-	-	-	-	-	-	-
Tacoma Municipal Belt Line Rwy [TMBL]	7	-	4	1	-	-	2	-	-	4	-	4
Tacoma Rail Mountain Division [TRMW]	-	-	-	-	-	-	-	-	-	-	-	-
Talley Rand Term. RR [TTR]	-	-	-	-	-	-	-	-	-	-	-	-
Tazewell & Peoria RR, Inc. [TZPR]	-	-	-	-	-	-	-	-	-	-	-	-
Temple & Central Texas Rwy, Inc. [TC]	-	-	-	-	-	-	-	-	-	-	-	-

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	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Tennessee Southern RR Co., Inc. [TSRR]	2	-	-	1	-	-	1	-	-	-	-	-
Tennessee Valley RR [TVRM]	2	-	2	-	-	-	2	-	2	-	-	-
Tennken RR Co. Inc. [TKEN]	1	-	1	-	-	-	-	-	-	1	-	1
Terminal Rwy Alabama State Docks [TASD]	30	-	17	12	-	-	1	-	-	17	-	17
Texas & New Mexico RR Co. [TNMR]	1	-	-	1	-	-	-	-	-	-	-	-
Texas & Northern Rwy Co. [TN]	-	-	-	-	-	-	-	-	-	-	-	-
Texas & Oklahoma RR Co. [TXOR]	-	-	-	-	-	-	-	-	-	-	-	-
Texas City Term. Rwy Co. [TCT]	-	-	-	-	-	-	-	-	-	-	-	-
Texas Northwestern Rwy Co. [TXNW]	1	-	-	1	-	-	-	-	-	-	-	-
Texas Pacifico Transportation Limited [TXPF]	-	-	-	-	-	-	-	-	-	-	-	-
Texas Rock Crusher Rwy Co. [TXR]	-	-	-	-	-	-	-	-	-	-	-	-
Texas South-Eastern RR Co. [TSE]	-	-	-	-	-	-	-	-	-	-	-	-
Texas State RR [TSR]	4	-	4	-	-	-	-	-	-	4	-	4
Texas, Gonzales & Northern Rwy Co. [TXGN]	-	-	-	-	-	-	-	-	-	-	-	-
The Youngstown Belt RR Co. [YB]	-	-	-	-	-	-	-	-	-	-	-	-
Thermal Belt Rwy [TBRY]	-	-	-	-	-	-	-	-	-	-	-	-
Three Notch RR [TNHR]	-	-	-	-	-	-	-	-	-	-	-	-
Timberrock RR Co., Inc. [TIBR]	5	-	-	5	-	-	-	-	-	-	-	-
Tioga Central RR [TIOC]	-	-	-	-	-	-	-	-	-	-	-	-
Tishomingo RR Co., Inc. [TISH]	-	-	-	-	-	-	-	-	-	-	-	-
Toledo Lake Erie & Western RR [TLEW]	1	-	-	-	-	-	1	-	-	-	-	-
Toledo, Peoria & Western Rwy Corp. [TPW]	2	-	-	1	-	-	1	-	-	-	-	-
Tomahawk Rwy, L.P. [TR]	-	-	-	-	-	-	-	-	-	-	-	-
Transco Railcar Repair, Inc. [TRRJ]	-	-	-	-	-	-	-	-	-	-	-	-
Trans Kentucky Transportation RR, Inc. [TTIS]	2	-	-	2	-	-	-	-	-	-	-	-
Tri-City RR Co. [TCRY]	3	-	3	-	-	-	-	-	-	3	-	3
Tri-Met Westside Express Service [TMEV]	-	-	-	-	-	-	-	-	-	-	-	-
Trinity Rwy Express [TREX]	6	-	6	-	-	-	-	-	-	6	-	6
Trona Rwy Co. [TRC]	1	-	1	-	-	-	-	-	-	1	-	1
Tulsa-Sapulpa Union Rwy Co. LLC [TSU]	3	-	-	1	-	-	2	-	-	-	-	-
Turtle Creek Industrial RR, Inc. [TCKR]	-	-	-	-	-	-	-	-	-	-	-	-
Twin City & Western RR [TCWR]	11	1	6	2	-	-	3	-	1	6	1	5
U S. Rail/Salem [USRS]	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Rail Corp/Ohio [USRO]	3	-	1	-	-	-	2	-	-	1	-	1
UTA FrontRunner Commuter Rail [UFRC]	11	1	9	-	-	-	2	1	-	9	-	9
Union County Industrial RR Co. [UCIR]	-	-	-	-	-	-	-	-	-	-	-	-
Upper Hudson River RR [UHRX]	1	-	1	-	-	-	-	-	-	1	-	1
Upper Merion & Plymouth RR Co. [UMP]	-	-	-	-	-	-	-	-	-	-	-	-
Utah Central Rwy Co. [UCRY]	1	-	-	-	-	-	1	-	-	-	-	-
Utah Rwy Co. [UTAH]	1	-	-	-	-	-	1	-	-	-	-	-
Utah Transit Authority [UTAX]	3	1	-	1	-	-	2	1	-	-	-	-
V and S Rwy, Inc. [VSR]	-	-	-	-	-	-	-	-	-	-	-	-
V&S Rwy Inc D d/b/a/Towner Railway [VST]	-	-	-	-	-	-	-	-	-	-	-	-
Valdosta Rwy, L.P. [VR]	-	-	-	-	-	-	-	-	-	-	-	-
Valley RR Co. [VALE]	-	-	-	-	-	-	-	-	-	-	-	-
Vandalia RR Co. [VRRC]	-	-	-	-	-	-	-	-	-	-	-	-
Ventura County RR Co. [VCRR]	-	-	-	-	-	-	-	-	-	-	-	-
Vermillion Valley RR Co., Inc. [VVRR]	1	-	1	-	-	-	-	-	-	1	-	1
Vermont Rwy, Inc. [VTR]	11	-	10	-	-	-	1	-	-	10	-	10
Vicksburg Southern RR, Inc. [VSOR]	2	-	-	-	-	-	2	-	-	-	-	-
Virginia & Truckee RR Co., Inc. [VTRR]	-	-	-	-	-	-	-	-	-	-	-	-
Virginia Rwy Express [VREX]	3	-	3	-	-	-	-	-	-	3	-	3

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	Total			Train Accidents			HRC Incidents			Other Incidents		
	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj	Cnt	Kld	Inj
Virginia Southern RR [VSRR]	-	-	-	-	-	-	-	-	-	-	-	-
WCTU Rwy [WCTR]	-	-	-	-	-	-	-	-	-	-	-	-
Wabash Central RR Corp. [WBCR]	-	-	-	-	-	-	-	-	-	-	-	-
Waccamaw Coast Line RR Co. [WCLR]	-	-	-	-	-	-	-	-	-	-	-	-
Walkersville Southern RR, Inc. [WS]	-	-	-	-	-	-	-	-	-	-	-	-
Walking Horse & Eastern RR Co. [WHOE]	-	-	-	-	-	-	-	-	-	-	-	-
Wallowa Union RR Authority [WURR]	-	-	-	-	-	-	-	-	-	-	-	-
Warren & Saline River RR Co. [WSR]	-	-	-	-	-	-	-	-	-	-	-	-
Warren & Trumbull RR Co., The [WTRM]	-	-	-	-	-	-	-	-	-	-	-	-
Washington & Idaho Rwy, Inc. [WIR]	1	-	-	1	-	-	-	-	-	-	-	-
Washington County RR Corp. [WACR]	2	-	2	-	-	-	-	-	-	2	-	2
Watco Switching [WATX]	3	-	3	-	-	-	-	-	-	3	-	3
Wellsboro & Corning RR Co. [WCOR]	-	-	-	-	-	-	-	-	-	-	-	-
West Chester RR Co. [WCRL]	-	-	-	-	-	-	-	-	-	-	-	-
West Isle Line Inc. [WFS]	-	-	-	-	-	-	-	-	-	-	-	-
West Michigan RR Co. [WMI]	-	-	-	-	-	-	-	-	-	-	-	-
West Tennessee RR Corp. [WTNN]	5	-	5	-	-	-	1	-	1	4	-	4
West Texas and Lubbock Rwy Co. [WTLC]	1	-	-	1	-	-	-	-	-	-	-	-
West Virginia Central RR [WVC]	-	-	-	-	-	-	-	-	-	-	-	-
Western Kentucky Rwy, LLC [WKRL]	-	-	-	-	-	-	-	-	-	-	-	-
Western Maryland Scenic RR [WMSR]	3	-	3	-	-	-	-	-	-	3	-	3
Western New York & Pennsylvania RR LLC [WNYP]	10	-	5	1	-	-	5	-	1	4	-	4
Western RR Co. [WRRC]	2	-	2	-	-	-	-	-	-	2	-	2
Western Rwy Museum [WRM]	-	-	-	-	-	-	-	-	-	-	-	-
Weyerhaeuser Woods RRs [WCTX]	-	-	-	-	-	-	-	-	-	-	-	-
Whitewater Valley RR [WVRR]	2	-	1	-	-	-	1	-	-	1	-	1
Wichita Term. Association [WTA]	-	-	-	-	-	-	-	-	-	-	-	-
Wichita, Tillman & Jackson Rwy Co., Inc. [WTJR]	2	-	-	2	-	-	-	-	-	-	-	-
Willamette & Pacific RR, Inc. [WPRR]	2	-	2	-	-	-	-	-	-	2	-	2
Willamette Valley Rwy Co. [WVR]	-	-	-	-	-	-	-	-	-	-	-	-
Wilmington & Western RR Co. [WWRC]	-	-	-	-	-	-	-	-	-	-	-	-
Wilmington Term. RR Inc. [WTRY]	-	-	-	-	-	-	-	-	-	-	-	-
Winamac Southern Rwy Co. [WSRY]	-	-	-	-	-	-	-	-	-	-	-	-
Winchester & Western RR Co. [WW]	4	-	3	-	-	-	3	-	2	1	-	1
Winston-Salem Southbound Rwy [WSS]	-	-	-	-	-	-	-	-	-	-	-	-
Wiregrass Central RR Co. [WGCR]	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin & Southern RR Co. [WSOR]	22	-	13	3	-	-	8	-	2	11	-	11
Wisconsin Northern RR [WN]	-	-	-	-	-	-	-	-	-	-	-	-
YCR Corp. [YCR]	-	-	-	-	-	-	-	-	-	-	-	-
Yadkin Valley RR Co. [YVRR]	2	-	1	-	-	-	1	-	-	1	-	1
Yellowstone Valley RR Inc. [YSVR]	1	-	1	-	-	-	-	-	-	1	-	1
York Rwy Co. [YRC]	1	-	-	1	-	-	-	-	-	-	-	-
Youngstown & Austintown RR [YARR]	1	-	-	-	-	-	1	-	-	-	-	-
Yountstown & Southeastern RR Co., Inc. [YSRR]	1	-	1	-	-	-	-	-	-	1	-	1
Yreka Western RR Co. [YW]	-	-	-	-	-	-	-	-	-	-	-	-
ZIOF	-	-	-	-	-	-	-	-	-	-	-	-
Zanesville & Western Scenic RR [ZWSX]	-	-	-	-	-	-	-	-	-	-	-	-